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SUMMARIES OF FOREIGN GOVERNMENT ENVIRONMENTAL REPORTS

Environmental Protection Agency
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FOREWORD

Under a series of documents exchange agreements with environmental agencies in other countries, EPA is building a collection of environmental reports issued by foreign governments and international organizations. This is a monthly announcement listing of foreign documents received through the exchange agreements.

The original documents can be obtained through the Library Systems Branch (see back page for order form). More detailed English abstracts can be provided when required. Full text translations, which are expensive, should be requested only when essential for operation of EPA programs. Translation Services Requisition form #1350-1 is used to request translations.

A computerized search system is being developed which will allow future retrieval of these summaries by:

a. country
b. subject area
   - air
   - water
   - noise
   - pesticides
   - radiation
   - solid waste management

c. type of document
   - legal/legislative/regulatory
   - management/planning
   - socio-economic

This series, devoted to summaries of government reports and other pertinent literature and focusing on the legislative, organizational, economic, and social aspects of environmental protection, supplements foreign scientific and technical literature abstracted by other EPA information services.

APTIC	PIC
SWIRS	NOISE

Ultimately, EPA plans to assemble a major collection of foreign government environments documents and to develop several approaches to the dissemination of this information to EPA staff. This announcement of documents received is the first step.

Office of Planning and Management — Office of International Activities

U. S. Environmental Protection Agency
Washington, D. C. 20460

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AIR

ALBANIA
"MEASURES TO PROTECT ENVIRONMENT FROM INDUSTRIAL POLLUTION." TRANSLATIONS ON ENVIRONMENTAL QUALITY, NO. 77
U.S. JOINT PUBLICATIONS RESEARCH SERVICE EPA
PM(B) ENGLISH 02/28/75 PGS 1-3 ID# 02765A
ALSO LRB
*WATER

BELGIUM
"BAYER FACTORY WILL NO LONGER POLLUTE AIR OF BRUGES REGION." LE SOIR
PONCIN, JACQUES EPA
LR(B) FRENCH 03/15/75 PGS 6 ID# 02812A

THE BELGIAN CONTROVERSY OVER FLUORIDE EMISSIONS FROM THE BAYER CHEMICAL PLANT IN BRUGES HAS BEEN RESOLVED WITH THE APPROVAL OF A MINISTRY OF EMPLOYMENT AND LABOR DECREE STATING NEW STANDARDS FOR THESE EMISSIONS. EARLIER RESTRICTIONS IMPOSED ON THE EMISSIONS CEASED TO BE EFFECTIVE ON MARCH 15, THE DATE ON WHICH THE PLANT WAS DUE TO BEGIN OPERATIONS WITH A TALLER SMOKESTACK; HOWEVER, BECAUSE THE CONSTRUCTION OF THE STACK WAS REJECTED AS AN INADEQUATE MEASURE BY THE STATE SECRETARY FOR FLEMISH LAND PLANNING, NEW EMISSION RESTRICTIONS BECAME NECESSARY. BASED ON SIMILAR GERMAN LEGISLATION, THE STANDARDS LIMIT FLUORIDE EMISSIONS TO 300 TO 500 GRAMS PER HOUR. BEGINNING IN 1976 THIS EMISSION LEVEL IS TO BE REDUCED BY 50 PERCENT, DECREASING THE AMBIENT AIR QUALITY LEVEL FOR FLUORIDE TO THREE MICROGRAMS PER CUBIC METER. THE PLANT IS IN THE PROCESS OF INSTALLING THE NECESSARY EQUIPMENT TO CONFORM WITH THESE REGULATIONS.

BRAZIL
"SUDENE SENDS STUDY TO WHO ON POLLUTION IN THE NORTHWEST." CORREIO BRASILIENSE
EPA
PM(A) PORTUGUESE 05/17/75 PGS 2/7 ID# 02783A
ALSO PMB
*WATER GENERAL

BULGARIA
"FOR A CLEAN AND BEAUTIFUL ENVIRONMENT." RABOTNICHESKO DELO
EPA
PM(B) BULGARIAN 05/28/75 PGS 2 ID# 02773A
*GENERAL WATER

BULGARIA
"FOR CLEAN AIR." TEKHNICHESKO DELO
MANOLOV, ATANAS
SE( ) BULGARIAN 05/17/75 PGS 1, 2 EPA ID# 02768A

THIS ARTICLE CONCERNS INVESTMENTS IN AIR POLLUTION CONTROL MEASURES IN BULGARIA. OF THE 113,000,000 LEVA APPROPRIATED FOR ENVIRONMENTAL PROTECTION IN BULGARIA THIS YEAR 41,000,000 LEVA ARE DESIGNATED FOR AIR POLLUTION CONTROL PROGRAMS. AMOUNTS SPENT BY SEVERAL INDIVIDUAL INDUSTRIAL ENTERPRISES AND HEATING PLANTS FOR AIR PURIFICATION FACILITIES ARE CITED, RANGING FROM 850,000 TO 4,800,000 LEVA.

CANADA
"ENVIRONMENT CANADA EXTENDS THE POLLUTION CONTROL INCENTIVE PROGRAM."
ENVIRONMENT CANADA NEWS RELEASE
CANADA. ENVIRONMENT CANADA
SE( ) ENGLISH 04/01/75 PGS 1 EPA ID# 02796A
*WATER

GERMANY,FED REP OF
"COLLECTION OF TEXTS OF LAWS IN FORCE. PROTECTION MEASURES OF THE FEDERAL MINISTRY OF THE INTERIOR." UMWELTGESETZE I
GERMANY,FED REP OF. FEDERAL MINISTRY OF THE INTERIOR
LR(A) GERMAN 06/00/74 PGS 1-84 EPA ID# 02805A
ALSO LRB
*GENERAL WATER NOISE SOLID WASTE

GERMANY,FED REP OF
"AIR POLLUTION IN THE FEDERAL REPUBLIC OF GERMANY 1967-1970." KOMMISSION ZUR ERFORSCHUNG DER LUFTVERUNREINIGUNG, MITTEILUNG XV
KOEHLER, A.
PM(B) GERMAN 00/00/74 PGS 1-36 EPA ID# 02822A
ALSO ST

THIS BOOKLET, ONE OF A SERIES OF PUBLICATIONS BASED ON DATA COLLECTED BY AN AIR POLLUTION MONITORING NETWORK OF THE COMMISSION FOR RESEARCH ON AIR POLLUTION, DESCRIBES AIR POLLUTION IN THE FEDERAL REPUBLIC FOR THE STATED TIME PERIOD. REPORTED FOR THE FOUR CHARACTERISTIC PARAMETERS OF SULFUR, CARBON DIOXIDE, NITROGEN DIOXIDE, AND SUSPENDED PARTICULATE MATTER ARE: YEAR-MEANS, FREQUENCY DISTRIBUTIONS, YEARLY VARIATIONS AND TIME SERIES. OBSERVATIONS WERE MADE IN URBAN, RURAL, AND SUPRAREGIONAL (MOUNTAIN) AREAS. SECTIONS OF THE PUBLICATION CONTAIN GENERAL INFORMATION ABOUT LOCATION AND TECHNIQUES OF MEASUREMENT AND THE PROCESSED DATA, RESULTS, COMMENTARY, AND PROJECTION. APPENDED ARE A BIBLIOGRAPHY, THE ADDRESS OF THE COMPILER, A ROSTER OF THE COMMISSION, AND A LIST OF OTHER COMMISSION PUBLICATIONS. THE REPORT IS INTRODUCED BY A BRIEF SUMMARY IN GERMAN AND ENGLISH. CHARTS AND GRAPHS SUPPLEMENT THE TEXT.

AIR

GERMANY,FED REP OF "PH VALUE OF PRECIPITATION IN THE FEDERAL REPUBLIC OF GERMANY 1967-1972." KOMMISSION ZUR ERFORSCHUNG DER LUFTVERUNREINIGUNG, MITTEILUNG IX

EPA

PM(B) GERMAN 00/00/74 PGS 1-29 ID# 02823A
ALSO ST

THIS BOOKLET IS ONE OF A SERIES OF PUBLICATIONS OF THE COMMISSION FOR RESEARCH ON AIR POLLUTION OF THE GERMAN RESEARCH ASSOCIATION WHICH SUMMARIZE DATA COLLECTED IN A NETWORK OF MEASURING STATIONS FROM 1964 TO 1973. THE FEDERAL ENVIRONMENT OFFICE TOOK OVER THIS NETWORK IN 1974. THE PRESENT REPORT DEALS WITH THE ACIDITY OF PRECIPITATION OVER THE FEDERAL REPUBLIC FROM 1967 TO 1972. THE STUDY'S GOALS WERE TO DETERMINE THE AVERAGE PH CONDITIONS FOR THE YEARS MONITORED; TO DISCOVER IF AND HOW PH VALUES DIFFERED OVER CITY AND COUNTRYSIDE STATIONS; AND TO LEARN IF AND HOW AN EARLIER NOTED TENDENCY TOWARD INCREASED ACIDITY OF AIR OVER EUROPE HAD CONTINUED. SECTIONS OF THE BOOKLET DISCUSS: MATERIALS AND METHODOLOGY OF THE STUDY, DETERMINED AVERAGE PH VALUES AND THEIR INTERPRETATION, AND THE RELATIONSHIP OF PH VALUE TO MATERIAL CONTAINED IN RAIN. A BIBLIOGRAPHY, A LIST OF OTHER PUBLICATIONS BY THE COMMISSION, AND A ROSTER OF COMMISSION MEMBERS ARE APPENDED.

GERMANY,FED REP OF "BASIC LEVEL OF SULFUR CONCENTRATION IN THE AIR 1967-1972." KOMMISSION ZUR ERFORSCHUNG DER LUFTVERUNREINIGUNG MITTEILUNG XII
ROENICKE, G. AND D. KLOCKOW

EPA

PM(B) GERMAN 00/00/74 PGS 1-38 ID# 02825A
ALSO ST

THIS BOOKLET IS ONE OF A SERIES BASED ON DATA COLLECTED OVER SEVERAL YEARS BY AN AIR POLLUTION MONITORING NETWORK OPERATED BY THE COMMISSION FOR RESEARCH OF AIR POLLUTION OF THE GERMAN RESEARCH ASSOCIATION. THE PRESENT PUBLICATION SURVEYS SULFUR CONCENTRATION IN THE AIR OVER THE FEDERAL REPUBLIC FOR THE SPECIFIED YEARS. DATA WERE COLLECTED AT TWO STATIONS IN HEAVILY POLLUTED AREAS, THREE STATIONS IN MODERATELY POLLUTED AREAS, AND TWO STATIONS WITH LITTLE POLLUTION. THIRTEEN PAGES OF TABLES PRESENT MONTHLY MEANS FOR SULFUR CONCENTRATIONS AND FOR SULFUR DIOXIDE CONCENTRATIONS IN THE VARIOUS MONITORED AREAS. SECTIONS OF THE PUBLICATION CONTAIN: A DESCRIPTION OF THE MONITORING PROCESS, RESULTS, SULFUR CONCENTRATION AND PH VALUE OF RAIN, AND SULFUR CONCENTRATION AND OUTDOOR TEMPERATURE. A BIBLIOGRAPHY, ADDRESSES OF THE COMPILERS, AND A LIST OF COMMISSION MEMBERS AND OF OTHER COMMISSION PUBLICATIONS ARE INCLUDED. GRAPHS ILLUSTRATE THE TEXT.

POLAND

"A GOVERNMENT PROGRAM FOR ENVIRONMENTAL PROTECTION." SCINTEIA
CIOBANU, GH
PM(B) ROMANIAN 06/08/75 PGS 5 EPA ID# 02826A
ALSO SE, LRB AND PHA
*GENERAL WATER

SPAIN

"AUGUST 9, 1974 DECREE NO. 3025 ON THE LIMITATION OF ATMOSPHERIC POLLUTION CAUSED BY MOTOR VEHICLES." BOLETIN OFICIAL DEL ESTADO, NO. 267
LR(A) SPANISH 11/07/74 PGS 22625-28 EPA ID# 01133C

THIS DECREE, PROMULGATED BY THE SPANISH MINISTRY OF PLANNING DEVELOPMENT, REGULATES THE CONTROL OF AIR POLLUTION BY MOTOR VEHICLES IN ACCORDANCE WITH PROVISIONS OF THE 1972 LAW ON PROTECTION OF THE ATMOSPHERIC ENVIRONMENT AGAINST POLLUTION. THIS DECREE ASSIGNS ADMINISTRATIVE RESPONSIBILITIES AND SETS COMPREHENSIVE STANDARDS AND PROCEDURES FOR THE CONTROL OF VEHICLE EMISSIONS. ANTECEDENTS AND DEFINITIONS ARE EXPLAINED IN AN INTRODUCTION TO THE DECREE AND SPECIFIC PROVISIONS ARE SET FORTH IN CHAPTERS ON: OBLIGATIONS, MEASURING DEVICES AND METHODS, TECHNICAL INSPECTION OF VEHICLES, INFRACTIONS AND PENALTIES, AND MUNICIPAL RESPONSIBILITIES. THE DECREE ALSO CONTAINS PROVISIONS ALLOWING FOR THE NECESSARY REVISION OF STANDARDS IN THE FUTURE AND ABROGATES CONTRASTING PROVISIONS CONTAINED IN EARLIER LAWS. THE MINISTRIES OF INTERIOR AND INDUSTRY, AND THE INTERMINISTERIAL COMMISSION ON THE ENVIRONMENT ARE EMPOWERED TO PROMULGATE COMPLEMENTARY PROVISIONS NECESSARY FOR THE FURTHER REGULATION AND APPLICATION OF THIS DECREE.

SPAIN

"FEBRUARY 28, 1975 ORDER FOR APPLICATION OF THE AUGUST 9, 1974 DECREE 3025 ON LIMITATION OF AIR POLLUTION CAUSED BY MOTOR VEHICLES." BOLETIN OFICIAL DEL ESTADO, NO. 59
LR(A) SPANISH 03/10/75 PGS 4922 EPA ID# 01133D
ALSO ST

THIS ORDER, PROMULGATED BY THE SPANISH MINISTRY OF INDUSTRY, FURTHER REGULATES THE CONTROL OF AIR POLLUTION AS PRESCRIBED IN THE 1972 LAW ON PROTECTION OF THE ATMOSPHERIC ENVIRONMENT AGAINST POLLUTION AND THE 1974 DECREE ON THE LIMITATION OF AIR POLLUTION CAUSED BY MOTOR VEHICLES. THE ORDER REQUIRES ALL MOTOR DIESEL VEHICLES TO BE FITTED WITH A REINFORCED SEAL IN FUEL INJECTION PUMPS BY OCTOBER 1975, SETS FORTH ADDITIONAL STANDARDS AND OPERATING PROCEDURES FOR MOTOR VEHICLE EMISSION MEASURING DEVICES, AND DESIGNATES EMISSION TESTING LABORATORIES.

AIR

SPAIN "MARCH 20, 1975 DECREE NO. 795 REGULATING ARTICLE ELEVEN OF THE ATMOSPHERIC PROTECTION LAW." BOLETIN OFICIAL DEL ESTADO, NO. 93

EPA

LR(A) SPANISH 04/18/75 PGS 8042-44 ID# 01133E
ALSO SE

THIS DECREE, PROMULGATED BY THE SPANISH MINISTRY OF FINANCE, REGULATES ARTICLE ELEVEN OF THE 1972 LAW ON PROTECTION OF THE ATMOSPHERIC ENVIRONMENT AGAINST POLLUTION, WHICH PROVIDES FOR INITIAL ECONOMIC ASSISTANCE TO SELECT INDUSTRIES IN THEIR FIGHT AGAINST ATMOSPHERIC POLLUTION. THE BENEFITS OF THIS DECREE ARE TO BE EXTENDED TO CERTAIN INDUSTRIES OR SIMILAR ACTIVITIES LOCATED IN AREAS DECLARED POLLUTED BY THE GOVERNMENT AND TO THOSE EXISTING ACTIVITIES UNDER OBLIGATION TO INSTALL ANTI-POLLUTION EQUIPMENT OR TO TRANSFER OPERATIONS BECAUSE OF THEIR HAVING BEEN DECLARED SOURCES OF POLLUTION BY THE GOVERNMENT. UPON MEETING CERTAIN CONDITIONS, INDUSTRIALISTS MAY SOLICIT ECONOMIC ASSISTANCE FROM THE MINISTRY OF FINANCE TO FIGHT POLLUTION. ECONOMIC ASSISTANCE MAY TAKE THE FORM OF LOANS, SUBSIDIES OR TAX INCENTIVES, THE AMOUNT OF WHICH IS COMPUTED BY THE GOVERNMENT AT THE PROPOSAL OF THE MINISTRY OF FINANCE. THE DECREE ALSO PROVIDES FOR A SYSTEM OF VIGILANCE AND REVOCATION OF BENEFITS WHERE NECESSARY.

SWEDEN "JUNE 2, 1972 ORDINANCE NO. 293 ON STATE SUBSIDY FOR ENVIRONMENT PROTECTION MEASURES IN AGRICULTURAL AND GARDENING ENTERPRISES." SVENSK FORFATTNINGSSAMLING

EPA

LR(A) SWEDISH 06/20/72 PGS 1-2 ID# 02760A
ALSO SE
*WATER NOISE

SWEDEN "ADVICE AND INSTRUCTIONS REGARDING SUPERVISION ACCORDING TO THE ENVIRONMENT PROTECTION ACT." STATENS NATURVARDSVERK PUBLIKATION 1971:3
SWEDEN. NATIONAL ENVIRONMENT PROTPCTION BOARD

EPA

PM(A) SWEDISH 03/00/71 PGS 1-58 ID# 02776A
ALSO LRB
*GENERAL WATER

SWEDEN

SUPPLEMENT TO ADVICE AND INSTRUCTIONS REGARDING SUPERVISION ACCORDING TO THE ENVIRONMENT PROTECTION ACT
SWEDEN. NATIONAL ENVIRONMENT PROTECTION BOARD EPA
PM(A) SWEDISH 02/00/73 PGS 1-5 ID# 02776B
ALSO LRB
*GENERAL WATER

SWEDEN

"INSTRUCTIONS FOR THE CONTROL OF ENVIRONMENTALLY DANGEROUS PROCESSES IN THE PETROLEUM INDUSTRY." STATENS NATURVARDSVERK PUBLIKATION 1974:14
SWEDEN. NATIONAL ENVIRONMENT PROTECTION BOARD EPA
PM(B) SWEDISH 04/00/74 PGS 1-51 ID# 02795A
*WATER NOISE SOLID WASTE

SWEDEN

"INSTRUCTIONS FOR THE CONTROL OF ENVIRONMENTALLY HARMFUL PROCESSES IN ASPHALT PLANTS." STATENS NATURVARDSVERK PUBLIKATION 1974:5
SWEDEN. NATIONAL ENVIRONMENT PROTECTION BOARD EPA
PM(B) SWEDISH 01/00/74 PGS 1-70 ID# 02799A
WATER NOISE SOLID WASTE

THIS PUBLICATION PRESENTS INSTRUCTIONS FOR INTERNAL CONTROL AND SUPERVISION OF POLLUTION IN ASPHALT PLANTS AS WELL AS FOR MONITORING AND INSPECTION BY THE AUTHORITIES. CONTROL, MONITORING, AND INSPECTION OF SOURCES OF AIR POLLUTION ARE TREATED AT SOME LENGTH. AS PROBLEMS OF WATER POLLUTION, NOISE DISTURBANCE, AND WASTE REMOVAL ARE NOT MAJOR, MONITORING PROGRAMS ARE TO BE DEVELOPED ON A CASE-BY-CASE BASIS BY MANAGEMENT AND AUTHORITIES. RATHER EXTENSIVE APPENDIXES INCLUDE: 1) A BRIEF DESCRIPTION OF THE ASPHALT PRODUCTION PROCESS AND DUST PRECIPITATORS, 2) METHODS FOR MEASUREMENT OF PARTICULAR EMISSIONS, AND 3) GUIDELINES FOR DETERMINATION OF ACCEPTABLE NOISE LEVELS.

SWEDEN

"FOUNDRIES. FOLLOW-UP OF STATE GRANTS FOR POLLUTION CONTROL MEASURES IN INDUSTRY." STATENS NATURVARDSVERK PUBLIKATION 1974:4
EPA
PM(B) SWEDISH 00/00/74 PGS 1-63 ID# 02810A
ALSO SE

THIS PUBLICATION REVIEWS AIR POLLUTION ABATEMENT EFFORTS IN FOUNDRIES SINCE STATE GRANTS FOR POLLUTION CONTROL IN INDUSTRY WERE MADE AVAILABLE IN 1969. GRANTS HAVE BEEN OBTAINED BY 40 FOUNDRIES. OF THOSE, APPROXIMATELY 30 HAVE INSTALLED CLEANING EQUIPMENT IN CUPOLA FURNACES AND ABOUT 25 HAVE PUT IN EQUIPMENT FOR AIR PURIFICATION IN OTHER DEPARTMENTS SUCH AS SAND PREPARATION AND CLEANING AND FINISHING. TOTAL INVESTMENTS FOR POLLUTION CONTROL IN FOUNDRIES RECEIVING GRANTS AMOUNTED TO ABOUT 18.5 MILLION SWEDISH KRONOR, OF WHICH 9.5 MILLION CAME FROM THE STATE. SUBSEQUENT MEASUREMENTS INDICATE A REDUCTION IN PARTICULATE EMISSIONS FROM CUPOLA FURNACES OF ABOUT 80 PERCENT AND FROM OTHER FOUNDRY DEPARTMENTS OF ABOUT 90 PERCENT. TOTAL REDUCTION IN EMISSIONS WITH DUST COLLECTORS IS ABOUT 2300 TONS PER YEAR. THE BOOK CONTAINS AN INITIAL SUMMARY IN ENGLISH AND SWEDISH AS WELL AS NUMEROUS DIAGRAMS OF DUST COLLECTORS AND OTHER CLEANING EQUIPMENT. THERE ARE ALSO TABLES DETAILING EMISSIONS REDUCTIONS WITH VARIOUS TYPES OF EQUIPMENT.

USSR

"PERSPECTIVES OF PROTECTION OF THE ENVIRONMENT FROM POLLUTION BY HEAVY METALLURGY ENTERPRISES." PERSPECTIVES OF TRANSFORMATION OF THE MUNICIPAL ENVIRONMENT
ANDON'EV, S.M., V.S. GUR'EV AND M.L. KUTSYSHIN EPA
PH(B) RUSSIAN 00/00/73 PGS 297-309 ID# 02758A
ALSO ST
WATER

THIS ARTICLE DEALS WITH AIR AND WATER PROTECTION MEASURES UNDERTAKEN BY THE HEAVY METALLURGY INDUSTRY IN THE USSR. THE ALL-UNION SCIENTIFIC RESEARCH AND PLANNING INSTITUTE "CHERMETENERGOOCHISTKA" HAS WORKED OUT PLANS FOR PURIFYING EFFLUENTS DISCHARGED INTO WATER BODIES BY HEAVY METALLURGY ENTERPRISES AND HAS DETERMINED THE COST OF SUCH MEASURES. THE INSTITUTE HAS ALSO FORMULATED A COMPLEX PROGRAM OF DEPOLLUTION OF AIR AROUND HEAVY METALLURGY ENTERPRISES, WHICH FORESEES COMPLETE DEPOLLUTION BY 2000 BY MEANS OF GAS-PURIFYING INSTALLATIONS AND NON-POLLUTING TECHNOLOGICAL PROCESSES WHICH WOULD REDUCE TOXIC EMISSIONS. METHODS OF AIR AND WATER PURIFICATION ARE DESCRIBED IN DETAIL. THE ARTICLE FURTHER STATES THAT THE MINISTRY OF HEAVY METALLURGY REQUIRES ENTERPRISES AND PLANNING INSTITUTES TO WORK OUT LONG-TERM PROGRAMS FOR DEPOLLUTION OF AIR AND WATER AND PROHIBITS THE PUTTING INTO OPERATION OF INDUSTRIAL INSTALLATIONS WITHOUT EFFECTIVE AIR AND WATER PURIFICATION FACILITIES.

USSR

"ON BEHALF OF ECOLOGICAL BALANCE." TEKHNICHESKO DELO
EPA
PH(B) BULGARIAN 05/24/75 PGS 3 ID# 02764A
ALSO SE
*GENERAL WATER

GENERAL

BRAZIL

SECRETARIA ESPECIAL DO MEIO AMBIENTE: PROGRAMMA DE ACAO (SPECIAL SECRETARIAT OF THE ENVIRONMENT: PROGRAM OF ACTION)
BRAZIL. MINISTRY OF THE INTERIOR EPA
PH(A) PORTUGUESE 00/00/74 PGS 1-11 ID# 02037L
ALSO PHB AND SE

THIS PAMPHLET DISCUSSES THE FUNCTIONS, STRUCTURE AND OTHER ATTRIBUTES OF THE SPECIAL SECRETARIAT OF THE ENVIRONMENT (SEMA) IN BRAZIL. AS DEFINED IN LAW NO. 73.030 OF OCTOBER 30, 1973, THE DUTIES OF SEMA ARE TO BE "ORIENTED TOWARDS ENVIRONMENTAL CONSERVATION AND RATIONAL USE OF NATURAL RESOURCES, WITHOUT AFFECTING THE SPECIFIC ATTRIBUTES OF OTHER MINISTRIES." THE EFFICIENCY OF SEMA'S OPERATIONS DEPENDS ON ITS COORDINATING RELATIONSHIPS WITH OTHER ORGANIZATIONS DIRECTLY RESPONSIBLE FOR ENVIRONMENTAL PROTECTION OR INDUSTRIAL DEVELOPMENT. SEEKING AN EQUITABLE BALANCE BETWEEN ENVIRONMENTAL AND ECONOMIC CONSIDERATIONS, SEMA COOPERATES WITH THE MANY NATIONAL, LOCAL, INTERNATIONAL, AND AUTONOMOUS ORGANIZATIONS LISTED IN THE PAMPHLET. SEMA IS ORGANIZED INTO THE FOLLOWING DIVISIONS: PLANNING AND ASSESSMENT COORDINATING AGENCY, REMOTE MONITORING DIVISION, POLLUTION CONTROL DIVISION, EDUCATION AND INFORMATION DIVISION, AND ECOSYSTEMS PROTECTION DIVISION. A CONSULTIVE COUNCIL AND ADMINISTRATIVE SUPPORT SERVICE ALSO ASSIST SEMA.

BRAZIL "SEMA WILL ADVISE PRESIDENTIAL SECRETARIAT." O ESTADO DE SAO PAULO

EPA

PM(A) PORTUGUESE 05/13/75 PGS 19 ID# 02037A

THIS NEWSPAPER ARTICLE REPORTS THAT THE BRAZILIAN SPECIAL SECRETARY OF THE ENVIRONMENT, ALTHOUGH DIRECTLY SUBORDINATE TO THE MINISTER OF INTERIOR, WILL NOT ACT IN AN ADVISORY CAPACITY TO THE PRESIDENTIAL PLANNING SECRETARIAT IN THE APPLICATION OF SPECIAL FUNDS TO PROJECTS AND PLANS INVOLVING ENVIRONMENTAL CONSERVATION AND USE OF NATURAL RESOURCES. THE ARTICLE ALSO MENTIONS OTHER FUNCTIONS OF SEMA, SUCH AS: ENVIRONMENTAL MONITORING, THE COORDINATION OF ENVIRONMENTAL ORGANIZATIONS, PROMOTION OF ENVIRONMENTAL STANDARDS, UPDATING REPORTS AND LISTS OF POLLUTING AGENTS, PUBLIC EDUCATION IN ENVIRONMENTAL MATTERS, AND TECHNICAL TRAINING AND RESEARCH IN ENVIRONMENTAL CONSERVATION.

BRAZIL "SUDENE SENDS STUDY TO WHO ON POLLUTION IN THE NORTHWEST." CORREIO BRASILIENSE

EPA

PM(A) PORTUGUESE 05/17/75 PGS 2/1 ID# 02783A
ALSO PMB
*WATER AIR

BULGARIA "FOR A CLEAN AND BEAUTIFUL ENVIRONMENT." RABOTNICHESKO DELO

EPA

PM(B) BULGARIAN 05/28/75 PGS 2 ID# 02773A
WATER AIR

THIS ARTICLE REPORTS ON A MEETING ON ENVIRONMENTAL PROTECTION IN BULGARIA, ATTENDED BY REPRESENTATIVES OF THE MINISTRY OF FORESTS AND ENVIRONMENTAL PROTECTION, THE NATIONAL COUNCIL FOR ENVIRONMENTAL PROTECTION IN THE COUNCIL OF MINISTERS, AND OTHER GOVERNMENT OFFICIALS. IT WAS NOTED THAT MORE THAN 150 INSTALLATIONS HAD BEEN PUT INTO OPERATION FOR THE FULL OR PARTIAL PURIFICATION OF DOMESTIC AND INDUSTRIAL WASTEWATER. SUCCESSES IN THE REDUCTION OF AIR POLLUTION IN MAJOR CITIES OF THE COUNTRY WERE ALSO MENTIONED. ALSO, WEAKNESSES IN BULGARIA'S ENVIRONMENTAL PROTECTION PROGRAM WERE CITED WITH REGARD TO THE PLANNING AND BUILDING OF MORE PURIFICATION INSTALLATIONS AND ENFORCEMENT OF ANTIPOLLUTION MEASURES.

GENERAL

BULGARIA "FUTURE DEFENDERS OF NATURE." RABOTNICHESKO DELO
ILIEV, ALEKSANDŬR AND VIKTOR DONOV EPA
PM(A) BULGARIAN 05/25/75 PGS 3 ID# 02774A

THIS ARTICLE DEALS WITH EDUCATIONAL AND RESEARCH INSTITUTIONS IN BULGARIA CONCERNED WITH ENVIRONMENTAL PROTECTION, AS WELL AS GOVERNMENT ORGANS ADMINISTERING ENVIRONMENTAL PROGRAMS. THE CENTRAL BODY FOR ENVIRONMENTAL PROTECTION IS THE MINISTRY OF FORESTS AND ENVIRONMENTAL PROTECTION WHICH ORGANIZES AND DIRECTS ENVIRONMENT-RELATED ACTIVITIES OF ALL CONCERNED GOVERNMENTAL DEPARTMENTS. EDUCATIONAL INSTITUTIONS OFFERING ENVIRONMENTAL STUDIES ARE DISCUSSED, AS WELL AS THE RESEARCH AND PLANNING ACTIVITIES OF THE BULGARIAN ACADEMY OF SCIENCE WHICH INCLUDE THE ESTABLISHMENT OF ENVIRONMENTAL QUALITY STANDARDS.

CHINA,PEOPLES REP OF "'RED FLAG' STRESSES ENVIRONMENTAL PROTECTION." CHINA NEWS SUMMARY, NO. 538
EPA
PM(A) ENGLISH 10/09/74 PGS 1-2 ID# 02814A

THIS DISCUSSION OF ENVIRONMENTAL PROTECTION PROGRAMS IN THE PEOPLE'S REPUBLIC OF CHINA IS BASED ON AN ARTICLE WHICH ORIGINALLY APPEARED IN "RED FLAG," AN OFFICIAL PUBLICATION OF THE PEOPLE'S REPUBLIC. THE CHINESE GOVERNMENT STRESSES THAT THE COUNTRY MUST BE PROTECTED FROM POLLUTION ARISING FROM WASTE GASES, WASTEWATER AND SLAG, BUT THAT AT THE SAME TIME STATE PRODUCTION PLANS MUST ALSO BE FULFILLED OR OVERFULFILLED. PROTECTION OF THE NATURAL ENVIRONMENT IN THE COUNTRYSIDE IS PARTICULARLY EMPHASIZED AS WELL AS THE PROTECTION OF AGRICULTURE IN THE FACE OF ENCROACHING INDUSTRIALIZATION. METHODS RECOMMENDED FOR LIMITING POLLUTION ARE: THE DEVELOPMENT OF SMALL CITIES IN WHICH POLLUTION COULD BE MORE EASILY CONTROLLED; THE INCORPORATION OF ANTIPOLLUTION EQUIPMENT INTO PLANT STRUCTURES; EXPLOITING AND PROTECTING NATURAL RESOURCES CORRECTLY AND RATIONALLY; AND MOBILIZING THE PEOPLE TO EXPOSE PROBLEMS AND WORK OUT MEASURES TO PREVENT AND ELIMINATE POLLUTION.

DENMARK "DEPARTMENTAL CIRCULAR ON THE ENVIRONMENTAL PROTECTION LAW." NYT FRA MILJOSTYRELSEN, 7-74
DENMARK. ENVIRONMENTAL PROTECTION AGENCY EPA
LR(B) DANISH 05/15/74 PGS 1-13 ID# 01742H
ALSO PMB

THIS CIRCULAR, ISSUED BY THE DEPARTMENT OF THE ENVIRONMENT, IS INTENDED FOR THE INFORMATION OF MUNICIPAL AND PROVINCIAL AUTHORITIES INVOLVED IN THE IMPLEMENTATION OF THE 1973 ENVIRONMENTAL PROTECTION LAW. CHAPTER 1 DISCUSSES THE BACKGROUND OF THE LAW AND LISTS OTHER LESS COMPREHENSIVE ENVIRONMENTAL LEGISLATION. CHAPTER 2 ENUMERATES THE AUTHORITIES RESPONSIBLE FOR THE LAW'S IMPLEMENTATION AND DISCUSSES THEIR FUNCTIONS. CHAPTER 3 PRESENTS A BRIEF ARTICLE-BY-ARTICLE SURVEY OF THE LAW'S PROVISIONS. CHAPTER 4 DEALS WITH VARIOUS ASPECTS OF ADMINISTRATIVE DECISIONS MADE UNDER THE LAW, SPECIFYING, FOR EXAMPLE, THE FORM IN WHICH THEY ARE TO BE MADE AND THE MANNER IN WHICH AFFECTED PARTIES ARE TO BE NOTIFIED, WHILE CHAPTER 5 DEALS EXTENSIVELY WITH COMPLAINTS LODGED AGAINST SUCH DECISIONS. CHAPTER 6 CONSIDERS QUESTIONS INVOLVING THE ASSUMPTION OF ENVIRONMENTAL RESPONSIBILITIES BY THE AUTHORITIES SPECIFIED IN THE LAW, AND CHAPTER 7 DISCUSSES THE ROLE OF DANISH AUTHORITIES WITH REGARD TO THE 1974 NORDIC ENVIRONMENTAL PROTECTION CONVENTION.

EEC 9

"EEC WANTS POLLUTERS TO PAY." JOURNAL DE GENEVE

SE( )

FRENCH 04/16/74 PGS 5 EPA ID# 02790A
ALSO SWITZERLAND

THIS ARTICLE DISCUSSES THE EEC COMMUNICATION WHICH HAS BEEN TRANSMITTED TO THE SWISS FEDERAL COUNCIL CONCERNING THE APPLICATION OF THE "POLLUTER-PAYS" PRINCIPLE WITHIN THE FRAMEWORK OF THE COMMUNITY PROGRAM OF ENVIRONMENTAL PROTECTION. ACCORDING TO THE PRINCIPLE, ALL INDIVIDUALS OR LEGAL ENTITIES RESPONSIBLE FOR ENVIRONMENTAL DEGRADATION MUST BEAR THE COST OF THE MEASURES REQUIRED TO PUT AN END TO THIS POLLUTION OR REDUCE IT TO ACCEPTABLE LEVELS. APPLICATION OF THE PRINCIPLE THEREFORE NECESSITATES THE PRIOR DETERMINATION OF AN OPTIMAL LEVEL OF ENVIRONMENTAL PURITY AS WELL AS THE DETERMINATION OF AN ACTUAL POLLUTER AND THE DEGREE OF POLLUTION FOR WHICH HE IS RESPONSIBLE. WHEN POLLUTION OCCURS AS A RESULT OF PRODUCTION THE COSTS OF ABATEMENT CAN BE ASCRIBED TO THE PRODUCER, BUT WHEN POLLUTION RESULTS FROM THE CONSUMPTION OF THESE PRODUCTS, EXPENSES MUST BE ASCRIBED TO THE CONSUMERS. EXCEPTIONS BASED ON ECONOMIC OR TECHNICAL CONSIDERATIONS ARE FORESEEN IN THE APPLICATION OF THE PRINCIPLE.

GERMANY,FED REP OF

"COLLECTION OF TEXTS OF LAWS IN FORCE. PROTECTION MEASURES OF THE FEDERAL MINISTRY OF THE INTERIOR." UMWELTGESETZE I
GERMANY,FED REP OF. FEDERAL MINISTRY OF THE INTERIOR

LR(A)

GERMAN 06/00/74 PGS 1-84 EPA ID# 02805A
ALSO LRB
AIR WATER NOISE SOLID WASTE

THE FIRST HALF OF THIS BOOKLET CONTAINS THE TEXTS OF SIX ENVIRONMENTAL LAWS PASSED FROM 1970 TO 1974. THE REPRINTED LAWS, CONSIDERED REPRESENTATIVE OF EXISTING ENVIRONMENTAL LEGISLATION IN THE FEDERAL REPUBLIC OF GERMANY, ARE: "THE APRIL 12, 1972 THIRTIETH LAW AMENDING THE CONSTITUTION (ARTICLE 74 - ENVIRONMENTAL PROTECTION)"; "THE MARCH 30, 1971 LAW ON THE PROTECTION AGAINST AIRCRAFT NOISES"; "THE JUNE 7, 1972 LAW ON THE DISPOSAL OF WASTES"; AND "THE MARCH 15, 1974 FEDERAL IMMISSIONS LAW." THE SECOND HALF OF THE PUBLICATION LISTS IN TABULAR FORM ALL PRESENT AND PROJECTED LAWS, ORDINANCES, AND OTHER MEASURES FALLING UNDER THE JURISDICTION OF THE FEDERAL INTERIOR MINISTRY. EACH ENTRY INCLUDES THE TITLE OF THE MEASURE, BRIEFLY INDICATES ITS CONTENTS, AND GIVES ITS STATUS AS OF THE DATE OF PUBLICATION.

GENERAL

GERMANY,FED REP OF
PM(A)

"THE INFORMATION SYSTEM FOR ENVIRONMENTAL PLANNING." UMWELTBRIEF, NO. 2
GERMANY,FED REP OF. FEDERAL MINISTRY OF THE INTERIOR EPA
GERMAN 11/08/73 PGS 1-16 ID# 02794A

THIS BOOKLET DISCUSSES THE INFORMATION SYSTEM FOR ENVIRONMENTAL PLANNING (UMPLIS: UMWELTPLANUNGSINFORMATIONSSYSTEM) PROJECTED BY THE FEDERAL MINISTRY OF THE INTERIOR. UMPLIS IS TO ACT AS A COORDINATING SYSTEM, COLLECTING AND DISSEMINATING INFORMATION NEEDED BY ENVIRONMENTAL PLANNERS IN BOTH THE PUBLIC AND PRIVATE SECTORS. THE BOOKLET DISCUSSES IN THREE MAJOR SECTIONS: 1) THE NEED FOR SUCH AN INFORMATIONAL SYSTEM, 2) STRUCTURAL FEATURES OF UMPLIS, AND 3) STAGES OF PLANNING AND IMPLEMENTATION. THE SYSTEM WOULD EVENTUALLY FORM PART OF THE NEW FEDERAL ENVIRONMENT OFFICE. IN TEN SUBSECTIONS, UMPLIS WOULD STORE GUIDES TO: INSTITUTIONAL SOURCES OF INFORMATION (LIBRARIES, ARCHIVES), ENVIRONMENTAL EXPERTS, STANDARDS AND THRESHHOLDS, LAWS BEARING ON THE ENVIRONMENT, EVALUATIONS AND SYSTEMS ANALYSES, MEASURING AND MONITORING STATIONS, ONGOING ENVIRONMENTAL PROJECTS, CRISIS MANAGEMENT INFORMATION, AND INFORMATION ON PRODUCTS AND PRODUCTION PROCEDURES. A DIAGRAM OF THE PLANNED SYSTEM IS INCLUDED.

GERMANY,FED REP OF
PM(B)

"SUMMARY OF THE EXPERT OPINION ON THE ENVIRONMENT 1974 OF THE EXPERT COUNCIL FOR ENVIRONMENTAL QUESTIONS." UMWELTBRIEF NO. 5
GERMANY,FED REP OF. FEDERAL MINISTRY OF THE INTERIOR EPA
GERMAN 06/12/74 PGS 1-58 ID# 02800A
ALSO SE

THIS PUBLICATION SUMMARIZES THE 360-PAGE "EXPERT OPINION ON THE ENVIRONMENT 1974." IT DESCRIBES THE STRUCTURE OF THE REPORT AND DISCUSSES GENERAL GOALS OF CURRENT ENVIRONMENTAL POLICY. SEPARATE SECTIONS APPROACH ENVIRONMENTAL ISSUES FROM ECOLOGICAL-TECHNICAL AND SOCIOPOLITICAL POINTS OF VIEW. ECOLOGICAL-TECHNICAL SECTIONS DEAL WITH PROBLEMS OF AIR, WATER, FOODSTUFFS, NOISE, SOLID WASTE AND ENVIRONMENTAL CHEMICALS, AS WELL AS WITH PROTECTION OF NATURE AND THE LANDSCAPE, LAND-USE AND CITY PLANNING, AND ENERGY MATTERS. SECTIONS ON SOCIOPOLITICAL APPROACHES TO ENVIRONMENTAL CONTROL CONSIDER INSTRUMENTS FOR ACHIEVING ENVIRONMENTAL GOALS, COSTS, LEGAL PROBLEMS, AND ENVIRONMENTAL PLANNING. ALSO DISCUSSED ARE TRANSNATIONAL ASPECTS OF THE ENVIRONMENT. SUMMARIZED IN AN APPENDIX ARE MORE SPECIALIZED SECTIONS DEALING WITH: THE FORMAL APPROACH TO THE ANALYSIS OF THE ENVIRONMENTAL SYSTEM; ENVIRONMENTAL INDICES; AND THE ANALYSIS OF RELATIONSHIPS BETWEEN ECONOMIC AND ENVIRONMENTAL FACTORS.

GERMANY,FED REP OF

SE( )

"THE POLLUTER PAYS PRINCIPLE. POSSIBILITIES AND RECOMMENDATIONS FOR IMPLEMENTATION." UMWELTBRIEF, NO. 1
GERMANY,FED REP OF. FEDERAL MINISTRY OF THE INTERIOR EPA
GERMAN 10/26/73 PGS 1-17 ID# 02801A

THIS BOOKLET, PREPARED BY AN INTERMINISTERIAL WORK GROUP CHAIRED BY THE FEDERAL MINISTER OF THE INTERIOR, DISCUSSES POSSIBILITIES OF IMPLEMENTING THE "POLLUTER PAYS PRINCIPLE." THE TERM IS USED HERE TO REFER TO ADDITIONAL OPERATIONAL COSTS FOR THE POLLUTER AND IS NOT TO BE INTERPRETED AS LEGAL MONETARY LIABILITY. TO QUANTIFY COSTS, NORMS FOR ENVIRONMENTAL QUALITY ARE NECESSARY, AND POLLUTERS ARE TO BEAR THE EXPENSE OF ACHIEVING QUALITY NORMS. INSTRUMENTS FOR IMPLEMENTATION MENTIONED ARE: PROCEDURAL NORMS, PRODUCT NORMS, INDIVIDUAL INSTRUCTIONS AND PROHIBITIONS, AND FEES. FEES ARE INTENDED TO ELIMINATE ANY ADVANTAGE POLLUTERS GAIN FROM FAILING TO TAKE PREVENTIVE MEASURES. THE BOOKLET CONTAINS CRITERIA FOR THE CHOICE OF THE VARIOUS IMPLEMENTIVE INSTRUMENTS AND DISUCSSES EFFECTIVE COMBINATIONS OF INSTRUMENTS. ALSO TREATED ARE INSTANCES IN WHICH EXCEPTIONS TO THE "POLLUTER PAYS PRINCIPLE" MAY BE MADE AND THE EFFECT OF THE PRINCIPLE ON INTERNATIONAL TRADE.

GREAT BRITAIN

PM(A)

REPORT ON RESEARCH AND DEVELOPMENT 1974
GREAT BRITAIN. DEPARTMENT OF THE ENVIRONMENT EPA
ENGLISH 00/00/74 PGS 1-63 ID# 02777A
ALSO PMB

THIS DOCUMENT IS THE SECOND ANNUAL REPORT ON THE RESEARCH AND DEVELOPMENT PROGRAMS OF THE BRITISH DEPARTMENT OF THE ENVIRONMENT. PART I COMMENTS ON SOME OF THE ORGANIZATIONAL CHARACTERISTICS AND DEVELOPMENTS WITHIN THE DEPARTMENT AND CLOSELY ASSOCIATED ORGANIZATIONS. PART II, ALTHOUGH NOT AN EXHAUSTIVE LISTING, CITES THE MAIN PROJECTS FOR WHICH THE DEPARTMENT IS RESPONSIBLE IN THE AREAS OF PLANNING AND TRANSPORTATION, BUILDING AND CONSTRUCTION, ENVIRONMENTAL POLLUTION AND RESOURCES, AND INTERNATIONAL RESEARCH AND DEVELOPMENT. ALSO CONTAINED IN PART II ARE TABLES PROVIDING INFORMATION ON EXPECTED TRENDS OF EXPENDITURE, ALLOCATION OF FUNDS, AND ANALYSIS OF GROSS EXPENDITURE ON RESEARCH AND DEVELOPMENT. PART III OF THE REPORT LISTS APPENDICES CONTAINING BIBLIOGRAPHIC AND OTHER PERTINENT INFORMATION.

MEXICO

SE( )

"BENIGN LAWS AND REGULATIONS FOR THE CONTROL OF POLLUTION IN THE COUNTRY."
EL NACIONAL
EPA
SPANISH 05/04/75 PGS 10 ID# 02780A

THIS NEWSPAPER ARTICLE REPORTS THAT MEXICAN ENVIRONMENTAL LAWS AND REGULATIONS PROVIDE SUBSIDIES OF UP TO 100 PERCENT FOR THE INSTALLATION OF ANTI-POLLUTION EQUIPMENT IN MEXICAN INDUSTRIES AND ALSO FACILITATE ACTIONS AGAINST POLLUTION SOURCES BY INDIVIDUAL CITIZENS. HOWEVER, ACCORDING TO A MEMBER OF THE TECHNICAL COUNCIL OF THE SUBSECRETARIAT FOR ENVIRONMENTAL IMPROVEMENT, NEITHER INDUSTRY NOR THE PUBLIC HAS TAKEN ADVANTAGE OF THESE LAWS. THE ARTICLE FURTHER EXPLAINS THAT ENVIRONMENTAL PROBLEMS ARE RELATED TO A LARGE RANGE OF SOCIOECONOMIC PROBLEMS AND MUST BE CONSIDERED IN THAT CONTEXT.

NEW ZEALAND "THE NATIONAL WATER AND SOIL CONSERVATION AUTHORITY WILL REQUIRE IMPACT STATEMENTS." SOIL AND WATER

LR(B) ENGLISH 03/00/74 PGS 17-18 EPA ID# 02787A
ALSO PAB
WATER

THIS MAGAZINE ARTICLE DISCUSSES THE SYSTEM AND FORMAT OF ENVIRONMENTAL IMPACT STATEMENTS TO BE REQUIRED OF ALL PROJECTS SPONSORED FULLY OR IN PART BY THE NATIONAL WATER AND SOIL CONSERVATION AUTHORITY OF NEW ZEALAND. THE REQUIREMENT FOR ENVIRONMENTAL ASSESSMENT AND IMPACT REPORTS IS A RESULT OF THE NEW ZEALAND GOVERNMENT'S POLICY ON THE ENVIRONMENT, WHICH DELINEATES PROCEDURES FOR PROTECTING AND ENHANCING THE ENVIRONMENT THROUGH A SYSTEM OF ENVIRONMENTAL IMPACT REPORTING. THIS POLICY AFFECTS THE WORK OF ALL GOVERNMENT DEPARTMENTS, THE PROJECTS FUNDED BY THE GOVERNMENT AND ALL ACTIVITIES WHICH ARE CONTROLLED OR LICENSED BY THE GOVERNMENT. THE REQUIRED IMPACT STATEMENTS ARE DISCUSSED IN LIGHT OF THE JURISDICTION EXERCISED BY THE NATIONAL WATER AND SOIL CONSERVATION AUTHORITY, AND GENERAL GUIDELINES FOR IMPACT REPORTING WITHIN THE AUTHORITY ARE SET FORTH.

NEW ZEALAND "CENTRAL GOVERNMENT AND THE ENVIRONMENT." SOIL AND WATER
NORMAN, BOB
PH(A) ENGLISH 09/00/73 PGS 16-19 EPA ID# 02786A

THIS MAGAZINE ARTICLE DISCUSSES THE RECENT HISTORY AND CURRENT STATUS OF THE NEW ZEALAND GOVERNMENT ENVIRONMENTAL ORGANIZATIONS. THE FUNCTIONS OF THE ENVIRONMENT COUNCIL AND THE CABINET COMMITTEE FOR THE ENVIRONMENT ARE CITED AS WELL AS THE ROLE OF THE COMMISSION FOR THE ENVIRONMENT AS THE SUPPORTIVE DEPARTMENT FOR THE MINISTER OF THE ENVIRONMENT. THE ARTICLE ALSO DISCUSSES THE SYSTEM OF ENVIRONMENTAL IMPACT REPORTING TO BE IMPLEMENTED WITHIN CENTRAL GOVERNMENT DEPARTMENTS AND EVENTUALLY WITHIN LOCAL GOVERNMENTS AND THE INDUSTRIAL COMMUNITY. FOR ECONOMIC EFFICIENCY, THE SPONSORING AGENCY OF ANY PROJECT IS RESPONSIBLE FOR DETERMINING AND PREPARING THE NECESSARY IMPACT REPORTS. THIS TYPE OF REPORTING IS ALSO INTENDED TO CREATE ENVIRONMENTAL AWARENESS IN THOSE PERSONS RESPONSIBLE FOR DEVELOPMENT AND GROWTH OF THE COUNTRY.

NEW ZEALAND "EVALUATING ENVIRONMENTAL AND RECREATIONAL FACTORS." SOIL AND WATER
STEVENSON, BILL
SE( ) ENGLISH 09/00/74 PGS 19-21 EPA ID# 02788A

THIS MAGAZINE ARTICLE DISCUSSES THE PRINCIPAL APPROACHES APPLICABLE IN NEW ZEALAND FOR DETERMINING THE VALUE OF ENVIRONMENTAL AND/OR RECREATIONAL FACTORS THAT WOULD BE LOST OR REDUCED IN DEVELOPMENTAL ACTIVITIES. ONE METHOD FOR EVALUATING THESE FACTORS IS THE MEASUREMENT OF PUBLIC OPINION FAVORING PRESERVATION OF ENVIRONMENTAL OR RECREATIONAL VALUES AT THE EXPENSE OF ECONOMIC DEVELOPMENT. OTHER TECHNIQUES WHICH ARE USED ARE ALTERNATIVE COST EVALUATION AND USERS' GROSS EXPENDITURE. THESE TWO TECHNIQUES ATTEMPT TO MEASURE THE MONEY VALUE OF ENVIRONMENTAL OR RECREATIONAL FACTORS AS WEIGHED AGAINST THE ECONOMIC BENEFIT OF ANY DEVELOPMENTAL ACTIVITY. THESE EVALUATING TECHNIQUES SERVE IN THE FORMULATION OF ENVIRONMENTAL IMPACT REPORTS, WHICH, IN TURN, ARE COMPLEMENTARY TO THE ECONOMIC ASSESSMENT OF ANY DEVELOPMENTAL ACTIVITY. TOGETHER, THE IMPACT REPORT AND THE ECONOMIC ASSESSMENT WILL INSURE THAT BOTH THE ECOLOGISTS' AND THE ECONOMISTS' VALUES ARE GIVEN EQUAL CONSIDERATION IN ECONOMIC DEVELOPMENT SCHEMES.

NICARAGUA "GOALS OF ASSOCIATION FOR DEFENSE OF THE ENVIRONMENT EXPLAINED." TRANSLATIONS ON ENVIRONMENTAL QUALITY
U.S. JOINT PUBLICATIONS RESEARCH SERVICE EPA
PM(A) ENGLISH 04/22/74 PGS 12 ID# 02804A

THIS BRIEF ARTICLE REPORTS THAT OIKOS, A CENTRAL AMERICAN ASSOCIATION FOR THE STUDY AND DEFENSE OF THE ENVIRONMENT, IS NOW OPERATING IN NICARAGUA. THE ASSOCIATION WAS ORGANIZED WITH THE PARTICIPATION OF LABOR, STUDENT AND GOVERNMENT REPRESENTATIVES AND SEEKS TO DEVELOP AN ENVIRONMENTAL AWARENESS IN THE PUBLIC AND TO STUDY AND COLLECT INFORMATION ON ENVIRONMENTAL PROBLEMS. THE OIKOS PLAN COVERS ALL CENTRAL AMERICAN COUNTRIES AND CONSIDERS NICARAGUA AN EXPERIMENTAL COUNTRY. (THE SPANISH-LANGUAGE ORIGINAL OF THIS ARTICLE APPEARED IN THE NICARAGUAN NEWSPAPER "EL CRONISTA," ON MARCH 31, 1974.)

POLAND "A GOVERNMENT PROGRAM FOR ENVIRONMENTAL PROTECTION." SCINTEIA
CIOBANU, GH EPA
PM(B) ROMANIAN 06/08/75 PGS 5 ID# 02826A
ALSO SE, LRB AND PMA
WATER AIR

THIS ARTICLE CONCERNS ENVIRONMENTAL PROTECTION MEASURES PRESENTLY BEING CARRIED OUT IN POLAND, MAINLY UNDER THE DIRECTION OF THE MINISTRY OF LOCAL ECONOMY AND ENVIRONMENTAL PROTECTION. AS PART OF AN ENVIRONMENTAL PROTECTION PROGRAM FORMULATED BY THE POLISH GOVERNMENT TO EXTEND UNTIL 1990, FIVE BILLION ZLOTY HAVE BEEN ALLOCATED IN THE CURRENT FIVE-YEAR PLAN FOR POLLUTION CONTROL - TWICE THE AMOUNT ALLOCATED IN THE PREVIOUS FIVE-YEAR PLAN. THIS MONEY IS TO BE USED PRIMARILY FOR AIR AND WATER PURIFICATION EQUIPMENT AND RESEARCH IN THE REDUCTION OF HARMFUL EFFECTS OF INDUSTRIAL WASTES. IN ADDITION, A SERIES OF LEGISLATIVE ACTS IS BEING FORMULATED TO PROVIDE THE JURIDICAL FRAMEWORK NECESSARY TO DISCOURAGE THE OCCURRENCE OF POLLUTION. LAST YEAR THE DIET ADOPTED A WATER LAW REQUIRING INDUSTRIAL ENTERPRISES TO INSTALL WASTE PURIFICATION FACILITIES.

ROMANIA "PROTECTION OF THE ENVIRONMENT - THE DUTY OF EVERY CITIZEN." SCINTEIA
IONESCU, SABIN EPA
LR(B) ROMANIAN 05/07/75 PGS 2 ID# 01371F
ALSO PMB

THIS ARTICLE DISCUSSES ENVIRONMENTAL PROTECTION ACTIVITIES OF THE PEOPLE'S COMMITTEE OF THE DISTRICT OF HUNEDOARA IN ROMANIA, PURSUANT TO THE NATIONAL ENVIRONMENTAL PROTECTION LAW (NO. 9 OF 1973), WHICH STATES THAT PEOPLE'S COMMITTEES ARE TO ADOPT MEASURES FOR ENVIRONMENTAL PROTECTION IN THEIR RESPECTIVE DISTRICTS, IN COLLABORATION WITH CENTRAL ORGANS. THE HUNEDOARA COMMITTEE, INCLUDING 5 SPECIALIZED SUBCOMMITTEES AND 4 LOCAL SUBCOMMITTEES, HAS TAKEN INVENTORY OF ALL SOURCES OF POLLUTION AND HAS ESTABLISHED MEASURES TO REDUCE AND GRADUALLY ELIMINATE POLLUTION. TO ACHIEVE ITS GOALS, THE COMMITTEE EMPLOYS THE SERVICES OF DISTRICT SANITARY OFFICES, THE STATE INSPECTORATE FOR ENVIRONMENTAL PROTECTION, DISTRICT OFFICIALS FOR WATER ECONOMY, AND OTHER AUTHORITIES. THE DISTRICT MILITIA CONDUCTS INSPECTIONS FOR VIOLATIONS OF POLLUTION CONTROL REGULATIONS. THE DISTRICT WILL SPEND OVER 3.5 BILLION LEI FOR ENVIRONMENTAL PROTECTION DURING THE PERIOD 1975-1980.

GENERAL

SWEDEN "SCIENCE AND TECHNOLOGY IN SWEDEN. ENVIRONMENT." DEPARTMENT OF STATE AIRGRAM. AMEMBASSY STOCKHOLM, NO. A-87
UNITED STATES. DEPARTMENT OF STATE EPA
PM(B) ENGLISH 03/28/75 PGS 1-8 ID# 02762A
ALSO SE

THIS AIRGRAM, WHICH INCLUDES AN ORGANIZATIONAL CHART FOR THE NATIONAL ENVIRONMENT PROTECTION BOARD (NEPB), DISCUSSES ENVIRONMENTAL RESEARCH AND INFORMATIONAL EFFORTS OF THE SWEDISH GOVERNMENT, ITEMIZES ASPECTS OF NEPB'S RESEARCH BUDGET FOR FISCAL YEAR 1973/74, AND LISTS NEPB'S TOTAL APPROPRIATIONS FOR ALL ENVIRONMENTAL PURPOSES IN FISCAL 1974/75, ALONG WITH BUDGET REQUESTS FOR FISCAL 1975/76. NEPB ALLOCATED FUNDS TO RESEARCH PROJECTS IN THE FOLLOWING FIVE AREAS, LISTED IN ORDER OF PRIORITY: WATER MANAGEMENT, BIOLOGICAL EFFECTS AND PESTICIDES, NATURE CONSERVANCY, AIR PROTECTION AND NOISE ABATEMENT, AND WILDLIFE BIOLOGY. ALSO DISCUSSED ARE SWEDEN'S INTERNAL ORGANIZATIONS AND PROGRAMS FOR RESEARCH, THE NATION'S MEMBERSHIP IN INTERNATIONAL POLITICAL AND SCIENTIFIC ORGANIZATIONS INVOLVED IN ENVIRONMENTAL WORK, AND INTERNATIONAL CONVENTIONS AGAINST POLLUTION OF THE OCEANS TO WHICH SWEDEN IS A PARTY. A FINAL SECTION DEALS WITH U.S.-SWEDISH RELATIONS.

SWEDEN "SHAKING THE INSTITUTIONS IN SWEDEN." ENVIRONMENT, VOL. 16
LUNDQVIST, LENNART J. EPA
PM(B) ENGLISH 10/00/74 PGS 27-35 ID# 02775A
ALSO SE AND LRB

THIS ARTICLE DISCUSSES THE ADMINISTRATIVE AND LEGAL FRAMEWORK FOR ENVIRONMENTAL CONTROL IN SWEDEN. THE IMPLEMENTATION OF THE 1969 ENVIRONMENT PROTECTION ACT AND ITS PURSUANT ORDINANCE IS DISCUSSED AT SOME LENGTH. GOVERNMENT-INDUSTRY COOPERATIVE EFFORTS ARE EMPHASIZED. A SYSTEM OF CONTACT PERSONS HAS DEVELOPED IN MUCH OF INDUSTRY TO DEAL WITH THE NATIONAL ENVIRONMENT PROTECTION BOARD AND OTHER PUBLIC ENVIRONMENTAL AGENCIES, AND IN 1969 WORK GROUPS COMPOSED OF GOVERNMENT AND INDUSTRY REPRESENTATIVES WORKED OUT AIR EMISSIONS STANDARDS FOR VARIOUS STATIONARY SOURCES. SUBSIDIES TO OLDER INDUSTRIAL AND MUNICIPAL INSTALLATIONS FOR POLLUTION CONTROL IN THE PERIOD FROM 1969 TO 1974 ARE DISCUSSED. NEW INDUSTRY IS REQUIRED TO PAY ITS OWN ENVIRONMENTAL PROTECTION COSTS. DEMANDS FOR CHANGE IN THE SYSTEM FROM SOME PRIVATE ENVIRONMENTAL GROUPS ARE MENTIONED.

SWEDEN "ADVICE AND INSTRUCTIONS REGARDING SUPERVISION ACCORDING TO THE ENVIRONMENT PROTECTION ACT." STATENS NATURVARDSVERK PUBLIKATION 1971:3
SWEDEN. NATIONAL ENVIRONMENT PROTECTION BOARD EPA
PM(A) SWEDISH 03/00/71 PGS 1-58 ID# 02776A
ALSO LRB
AIR WATER

THIS PUBLICATION IS INTENDED TO PROMOTE UNIFORM SUPERVISION OF SIMILAR INSTALLATIONS ON THE PART OF SUPERVISORY PERSONNEL AND TO PREVENT DUPLICATION OF EFFORT. THE NATIONAL ENVIRONMENT PROTECTION BOARD, COUNTY AUTHORITIES AND MUNICIPAL PUBLIC HEALTH COMMITTEES ARE RESPONSIBLE FOR OVERSEEING ENVIRONMENT PROTECTION ACTIVITIES. SELF-MONITORING BY POLLUTING ESTABLISHMENTS IS IMPORTANT. THE PUBLICATION PROVIDES INSTRUCTIONS FOR INTERNAL AND EXTERNAL EXAMINATION AND MONITORING OF POLLUTION SOURCES AND FOR RECORD KEEPING AND REPORTING. THE RESPONSIBILITIES AND RIGHTS OF THE SEVERAL SUPERVISORY BODIES UNDER THE ENVIRONMENT PROTECTION ACT AND THE PUBLIC HEALTH STATUTE ARE DETAILED. ATTACHMENTS LIST PERTINENT LAWS, REGULATIONS AND LITERATURE. SAMPLE FORMS FOR MONITORING AND REPORTING ARE INCLUDED. CHARTS EXPLAIN WHICH AGENCIES ARE RESPONSIBLE FOR VARIOUS TYPES OF MONITORING AND WHICH AGENCIES RECEIVE COPIES OF THEIR REPORTS. THE INFORMATION IS TO BE REGARDED AS PROVISIONAL AND WILL BE REVISED AFTER CURRENT STUDIES.

SWEDEN

SUPPLEMENT TO ADVICE AND INSTRUCTIONS REGARDING SUPERVISION ACCORDING TO THE ENVIRONMENT PROTECTION ACT
SWEDEN. NATIONAL ENVIRONMENT PROTECTION BOARD EPA
PH(A) SWEDISH 02/00/73 PGS 1-5 ID# 02776B
ALSO LRB
AIR WATER

THIS PUBLICATION CONTAINS CERTAIN REVISIONS AND ADDITIONS TO THE INSTRUCTIONS CONTAINED IN PUBLICATION 1971:3 OF THE NATIONAL ENVIRONMENT PROTECTION BOARD. THE MAJOR CHANGE IS THE RECOMMENDATION THAT MONITORING AND SUPERVISION PROGRAMS FOR POLLUTING ESTABLISHMENTS BE DEVELOPED AT AN EARLIER STAGE OF THE APPROVAL PROCEDURE FOR SUCH INSTALLATIONS. THE ENVIRONMENT PROTECTION SECTIONS OF COUNTY ADMINISTRATIONS ARE EMPOWERED TO APPROVE SUCH PROGRAMS DRAFTED BY THE ESTABLISHMENTS THEMSELVES. NEW PROVISIONS ARE ALSO ADDED REGARDING: SUPERVISION OF INSTALLATIONS RECEIVING GRANTS UNDER NEW LEGISLATION FOR STATE SUBSIDIES TO PURIFICATION PLANTS; SUBSIDIES TO INDUSTRY FOR ENVIRONMENT PROTECTION MEASURES; AND STATE SUPPORT FOR PROCESSING OF SOLID WASTE. THE SECTION ON EXAMINATION HAS ALSO BEEN REVISED. THESE INSTRUCTIONS ARE PROVISIONAL, PENDING RESULTS OF CURRENT STUDIES.

SWEDEN

"INCREASED SUPPORT OF OUR BASIC FOODSTUFFS." SVENSKA DAGBLADET
EPA
SE( ) SWEDISH 01/11/75 PGS 19 ID# 02779A

THIS NEWSPAPER ARTICLE REPORTS THE PLANNED BUDGET FOR THE MINISTRY OF AGRICULTURE FOR THE COMING FISCAL YEAR. EXPENDITURES FOR THE NATIONAL ENVIRONMENT PROTECTION BOARD, SUBORDINATE TO THIS MINISTRY, ARE INCLUDED. THE BOARD'S PRODUCT CONTROL BUREAU WILL RECEIVE ONE MILLION SWEDISH KRONOR FOR CONTROL OF PRODUCTS HAZARDOUS TO HEALTH AND TO THE ENVIRONMENT. SUMS APPROPRIATED FOR ENVIRONMENTAL RESEARCH WILL BE INCREASED BY THREE MILLION SWKR TO A TOTAL OF 26.7 MILLION. THE AMOUNT ALLOCATED TO SUBSIDIES FOR MUNICIPAL SEWAGE PURIFICATION IS TO REMAIN AT 130 MILLION SWKR. HEAVY STATE INVESTMENTS HAVE ALREADY BEEN MADE IN THIS AREA, SO THAT ONLY ONE PERCENT OF ALL RESIDENCES ARE NOW NOT CONNECTED TO A PURIFICATION PLANT. SUBSIDIES TO INDUSTRY FOR ENVIRONMENT PROTECTION MEASURES, GRANTED SINCE 1969, WILL CEASE THIS YEAR, AND RESIDUAL FUNDS IN THIS AREA WILL BE DIVERTED TO SUPPORT OF SOLID WASTE TREATMENT ENDEAVORS. SOLID WASTE TREATMENT RESEARCH WILL RECEIVE INCREASED FUNDING OF THREE MILLION SWKR.

GENERAL

SWEDEN

"COOPERATIVE ENVIRONMENTAL PROTECTION GIVES POSITIVE RESULTS." JOURNAL OF THE FEDERATION OF SWEDISH INDUSTRIES. SPECIAL ISSUE ON INDUSTRY AND ENVIRONMENT
HELMERSON, BO
EPA
SE( ) ENGLISH 11/00/70 PGS 11-13 ID# 02791A

THIS ARTICLE, WRITTEN BY THE DIRECTOR OF THE FEDERATION OF SWEDISH INDUSTRIES, CITES EXAMPLES OF COOPERATION BETWEEN SWEDISH INDUSTRY AND GOVERNMENT ENVIRONMENTAL AUTHORITIES. SPECIAL JOINT COMMITTEES APPOINTED BY THE NATIONAL ENVIRONMENT PROTECTION BOARD (NEPB) AND COMPOSED OF INDUSTRY AND GOVERNMENT REPRESENTATIVES DEVELOPED GUIDELINES FOR EMISSION OF CERTAIN AIR POLLUTANTS FROM VARIOUS BRANCHES OF INDUSTRY. MANY FIRMS HAVE APPOINTED ENVIRONMENTAL EXPERTS TO MAINTAIN CONTACT WITH NEPB AND OTHER GOVERNMENT ENVIRONMENT AGENCIES. INFORMAL COOPERATION BETWEEN GOVERNMENT, REPRESENTATIVES OF THE DETERGENT INDUSTRY, AND SCIENTISTS BROUGHT ABOUT AGREEMENT BY THE INDUSTRY TO REDUCE THE PHOSPHATE CONTENT OF DETERGENTS SOLD IN SWEDEN. MERCURY EFFLUENTS WERE CUT 95 PERCENT BY THE ALKALI-CHLORINE INDUSTRY AFTER CONSULTATION WITH NEPB AND THE SWEDISH WATER AND AIR POLLUTION RESEARCH LABORATORY. THE LATTER BODY IS FUNDED HALF BY INDUSTRY AND HALF BY GOVERNMENT.

SWITZERLAND

RECHERCHES SUR L'ENVIRONNEMENT EN SUISSE (ENVIRONMENTAL RESEARCH IN SWITZERLAND)
SWITZERLAND. FEDERAL ENVIRONMENTAL PROTECTION OFFICE EPA
PB(B) FRENCH* 12/00/74 PGS 1-442 ID# 02759A
*ALSO GERMAN

THESE TWO COMPLEMENTARY PUBLICATIONS OF THE SWISS FEDERAL OFFICE OF ENVIRONMENTAL PROTECTION PRESENT AN INVENTORY OF ALL ENVIRONMENTALLY RELATED RESEARCH PROJECTS WHICH HAVE BEEN, OR ARE BEING, CONDUCTED IN SWITZERLAND. THE INVENTORY WHICH WAS COMPILED BY THE SWISS ASSOCIATION FOR RESEARCH ON THE ENVIRONMENT WAS AUTHORIZED BY THE DEPARTMENT OF THE INTERIOR TO ASSIST ITS ENVIRONMENTAL OFFICE IN THE DEVELOPMENT OF LEGISLATION AND IN THE IMPLEMENTATION OF ADOPTED REGULATIONS. CONTAINED IN THE FIRST VOLUME ARE AN INTRODUCTION AND INDEX TO THE CATALOG OF RESEARCH WHICH ITSELF CONSTITUTES THE SECOND VOLUME. A THEMATIC APPROACH IS EMPLOYED IN THE PRESENTATION OF THE RESEARCH PROJECTS AND THE ORGANIZATIONS SPONSORING THEM.

USSR

"ENVIRONMENTAL POLLUTION AND PROBLEMS OF HYGIENE." PRIRODA, NO. 5
KROTKOV., P. G.
EPA
LB(B) RUSSIAN 00/00/75 PGS 63-69 ID# 02828A
ALSO PMB
WATER

THIS ARTICLE, DEALING WITH SEVERAL ASPECTS OF WORLDWIDE ENVIRONMENTAL DETERIORATION, HIGHLIGHTS POLLUTION CONTROL MEASURES IN THE USSR. ACCORDING TO SOVIET LAWS ON THE PROTECTION OF NATURE, LAND AND WATER LEGISLATION AND HEALTH PROTECTION LEGISLATION, ENTERPRISES UTILIZING NATURAL RESOURCES ARE OBLIGATED TO DERIVE MAXIMUM USAGE FROM RAW MATERIALS AND FUEL AND TO INSTALL PURIFICATION FACILITIES FOR NON-USABLE WASTES. POLLUTERS ARE PENALIZED BY FINES AND/OR IMPRISONMENT; FOR EXAMPLE, THE DISCHARGE INTO WATER BODIES OF SUBSTANCES HARMFUL TO LIVING RESOURCES IS PUNISHABLE BY A FINE OF UP TO 20,000 RUBLES AND A PRISON TERM OF UP TO FIVE YEARS, AS SET FORTH IN THE "DECREE ON STRENGTHENING RESPONSIBILITY FOR POLLUTION OF THE SEA BY SUBSTANCES HARMFUL TO HUMAN HEALTH OR TO LIVING RESOURCES OF THE SEA." IT IS ALSO NOTED THAT PERMISSIBLE CONCENTRATION LIMITS HAVE BEEN ESTABLISHED FOR 420 SUBSTANCES DISCHARGED BY INDUSTRY INTO WATER BODIES.

USSR "ON BEHALF OF ECOLOGICAL BALANCE." TEKHNICHESKO DELO

EPA

PM(B) BULGARIAN 05/24/75 PGS 3 ID# 02764A
ALSO SE
AIR WATER

THIS ARTICLE NOTES ENVIRONMENTAL PROTECTION MEASURES IN THE USSR. THE SOVIET GOVERNMENT IS CURRENTLY SPENDING 1,800,000,000 RUBLES ON ENVIRONMENTAL PROTECTION PROGRAMS, IN ADDITION TO LARGE CAPITAL INVESTMENTS BY INDUSTRY-RELATED MINISTRIES AND GOVERNMENT DEPARTMENTS. WITH REGARD TO AIR POLLUTION CONTROL, 150 STANDARDS HAVE BEEN ISSUED FOR PERMISSIBLE CONCENTRATION LIMITS IN THE AIR OF CERTAIN CHEMICAL SUBSTANCES. WATER POLLUTION CONTROL MEASURES ARE ALSO BRIEFLY NOTED.

USSR "TEN BILLION RUBLES FOR ENVIRONMENTAL PROTECTION." OTECHESTVEN GLAS

EPA

SE( ) BULGARIAN 04/30/75 PGS 2 ID# 02766A
ALSO PMB
WATER

THIS ARTICLE CONCERNS ENVIRONMENTAL PROTECTION PROGRAMS IN THE USSR, PARTICULARLY WITH REGARD TO WATER POLLUTION CONTROL. IT IS NOTED THAT EVERY TENTH RUBLE INVESTED IN THE USSR THIS YEAR WILL GO TOWARD ENVIRONMENTAL PROTECTION, TOTALLING 10 BILLION RUBLES. FOR THE FIRST TIME, THE 1975 NATIONAL BUDGET CONTAINS A SECTION SOLELY DEVOTED TO THE PROTECTION OF THE ENVIRONMENT AND THE RATIONAL USE OF NATURAL RESOURCES. IT IS PLANNED THAT BY 1980 NO POLLUTED WATER WILL FLOW INTO THE VOLGA OR URAL RIVERS. DURING THE CURRENT FIVE-YEAR PLAN, 550 PURIFICATION INSTALLATIONS WILL BE BUILT ALONG THE SHORES OF THE VOLGA AND URAL RIVERS. IN ADDITION, THOUSANDS OF OTHER PURIFICATION COMPLEXES WILL BE BUILT IN INDUSTRIAL ENTERPRISES NEAR OTHER RIVERS.

ZAIRE "ENVIRONMENT AND EQUIPMENT." TRANSLATIONS ON ENVIRONMENTAL QUALITY, NO. 53
U.S. JOINT PUBLICATIONS RESEARCH SERVICE

EPA

PM(A) ENGLISH 09/12/74 PGS 2-5 ID# 02763A

ZAIRE'S RAPID INDUSTRALIZATION HAS CREATED A CONCERN FOR ENVIRONMENTAL PROTECTION WHICH HAS RESULTED IN THE ESTABLISHMENT OF THE NATIONAL INSTITUTE FOR THE PRESERVATION OF NATURE (INCN). THIS ARTICLE, TRANSLATED FROM THE FRENCH-LANGUAGE PUBLICATION "ZAIRE," DISCUSSES THE ROLE OF THE INSTITUTE WITHIN THE CONTEXT OF THE GOVERNMENT'S ENVIRONMENTAL PROGRAM. CREATED ON AUGUST 22, 1969 BY A PRESIDENTIAL DECREE, THE INCN IS CHARGED WITH THE EXECUTION OF STUDIES OR RESEARCH ON PROBLEMS OF THE HUMAN ENVIRONMENT SUCH AS DEFORESTATION, WATER AND AIR POLLUTION, ECOLOGICAL ALTERATION OF THE LAND AND EROSION. THE INCN IS FURTHER EMPOWERED TO GIVE OUT DETAILED INFORMATION ON ALL PROJECTS INVOLVING INDUSTRIALIZATION OR LAND AND WATER USE CAPABLE OF IMPROVING OR DAMAGING THE HUMAN ENVIRONMENT. A BRIEF OVERVIEW OF THE PRESIDENT'S ENVIRONMENTAL POLICY EMPHASIZES THE NEED FOR INTERNATIONAL COOPERATION.

LAND USE

BRAZIL "AREAS COULD RECEIVE ECOLOGICAL PROTECTION." O ESTADO DE SAO PAULO
EPA
LR(B) PORTUGUESE 05/14/75 PGS 13 ID# 02821A
ALSO PSB

THIS NEWSPAPER ARTICLE REPORTS ON A PROJECT OF THE BRAZILIAN SPECIAL SECRETARIAT OF THE ENVIRONMENT TO TRANSFORM REGIONS OF GREAT TOURISTIC VALUE INTO PROTECTED ECOLOGICAL AREAS IN WHICH THE CONSTRUCTION OF SKYSCRAPERS AND INDUSTRIAL PLANTS WOULD BE PROHIBITED AND WHICH WOULD SERVE AS FOREST AND ANIMAL RESERVES. SINCE THESE AREAS ARE OWNED BY PRIVATE CITIZENS, THEY DIFFER FROM THE ECOLOGICAL STATIONS WHICH ARE LANDS EXPROPRIATED AND ADMINISTERED BY THE GOVERNMENT. INDIVIDUAL OWNERS OF LAND IN PROTECTED AREAS WOULD BE ABLE TO CONTINUE DEVELOPING SUCH ACTIVITIES AS CATTLE RAISING WITH THE ASSURANCE THAT LAND VALUE WOULD NOT BE DECREASED BY LOCAL INDUSTRIALIZATION OR URBANIZATION.

NOISE

GERMANY,FED REP OF "COLLECTION OF TEXTS OF LAWS IN FORCE. PROTECTION MEASURES OF THE FEDERAL MINISTRY OF THE INTERIOR." UMWELTGESETZE I
GERMANY,FED REP OF. FEDERAL MINISTRY OF THE INTERIOR EPA
LR(A) GERMAN 06/00/74 PGS 1-84 ID# 02805A
ALSO LRB
*GENERAL AIR WATER SOLID WASTE

SWEDEN "JUNE 2, 1972 ORDINANCE NO. 293 ON STATE SUBSIDY FOR ENVIRONMENT PROTECTION MEASURES IN AGRICULTURAL AND GARDENING ENTERPRISES." SVENSK FORFATTNINGSSAMLING
EPA
LR(A) SWEDISH 06/20/72 PGS 1-2 ID# 02760A
ALSO SE
*WATER AIR

SWEDEN RIKTVARDEN FOR EXTERNT INDUSTRIBULLER (SUGGESTED VALUES FOR EXTERNAL INDUSTRY NOISE). PUBLIKATION 1973:5
SWEDEN. NATIONAL ENVIRONMENT PROTECTION BOARD EPA
PM(B) SWEDISH 00/00/73 PGS 1-19 ID# 02792A

THESE GUIDELINES ARE INTENDED TO ASSIST INDUSTRIES, PARTICULARLY THOSE NEEDING PERMITS OR EXEMPTION CERTIFICATES UNDER THE ENVIRONMENT PROTECTION ACT, IN TAKING NOISE PREVENTIVE MEASURES. BASED ON INTERNATIONAL AND FOREIGN RECOMMENDATIONS, THE GUIDELINES ARE PROVISIONAL AND ARE TO BE TRIED OUT FOR THREE YEARS, AFTER WHICH MORE PRECISE INFORMATION WILL BE AVAILABLE. THEY APPLY TO ALL SORTS OF INDUSTRIAL ACTIVITIES AND TO HEATING PLANTS, WORKSHOPS, SERVICE INSTALLATIONS AND WAREHOUSES. THE FOLLOWING NOISE LEVELS IN DECIBEL A ARE RECOMMENDED FOR RESIDENTIAL AREAS: DAY (7 A.M. TO 6 P.M.), 50; EVENING (6 P.M. TO 10 P.M.), SUNDAYS AND HOLIDAYS, 45; AND NIGHT (10 P.M. UNTIL 7 A.M.), 40. CORRESPONDING LEVELS PRESCRIBED FOR RECREATIONAL AREAS ARE 40, 35 AND 35. THE PUBLICATION DESCRIBES THE MEASUREMENT PROCESS, INCLUDING EQUIPMENT, POINTS OF READINGS, MEASUREMENT CONDITIONS, PROCEDURES, AND RESPONSIBILITY FOR MEASUREMENT. APPENDED IS A SUMMARY OF NOISE INFORMATION TO BE PROVIDED AUTHORITIES UNDER THE ENVIRONMENT PROTECTION ACT.

SWEDPB

PM(B) "INSTRUCTIONS FOR THE CONTROL OF ENVIRONMENTALLY DANGEROUS PROCESSES IN THE PETROLEUM INDUSTRY." STATENS NATURVARDSVERK PUBLIKATION 1974:14
SWEDEN. NATIONAL ENVIRONMENT PROTECTION BOARD
SWEDISH 04/00/74 PGS 1-51 EPA ID# 02795A
*WATER AIR SOLID WASTE

SWEDEN

PM(B) "INSTRUCTIONS FOR THE CONTROL OF ENVIRONMENTALLY HARMFUL PROCESSES IN ASPHALT PLANTS." STATENS NATURVARDSVERK PUBLIKATION 1974:5
SWEDEN. NATIONAL ENVIRONMENT PROTECTION BOARD
SWEDISH 01/00/74 PGS 1-70 EPA ID# 02799A
*AIR WATER SOLID WASTE

USSR

PM(B) "PROGNOSIS FOR REDUCING CITY NOISE." PERSPECTIVES OF TRANSFORMATION OF THE MUNICIPAL ENVIRONMENT
OSIPOV, G. L., ET AL.
RUSSIAN 00/00/73 PGS 368-388 EPA ID# 02767A
ALSO LRB

THIS ARTICLE DEALS WITH NOISE POLLUTION PROBLEMS IN CITIES OF THE USSR. DISCUSSED AT LENGTH ARE THE EXCESSIVE NOISE LEVELS IN CITIES AND THEIR SOURCES AND THE HARMFUL EFFECTS OF NOISE POLLUTION ON HUMAN HEALTH. POSSIBLE SOLUTIONS TO NOISE PROBLEMS ARE PRESENTED, INCLUDING WAYS TO REDUCE CITY TRAFFIC. NOISE CONTROL STANDARDS ARE PROVIDED IN THE "DECEMBER 18, 1970 SANITARY NORMS FOR PERMISSIBLE NOISE LEVELS IN RESIDENTIAL AREAS AND PUBLIC BUILDINGS AND NEAR HOUSING CONSTRUCTION," ISSUED BY THE MINISTRY OF HEALTH. ACCORDING TO THESE STANDARDS, THE DESIRABLE NOISE LEVEL IN RESIDENTIAL AREAS WAS DETERMINED TO BE 30-40 DB(A).

PESTICIDES

BRAZIL

LR(B) "PESTICIDES REQUIRE CORRECT USE." O ESTADO DE SAO PAULO
PORTUGUESE 05/08/75 PGS 35 EPA ID# 02820A
ALSO SE AND PMB

ACCORDING TO THIS NEWSPAPER ARTICLE, NATIONAL AND STATE ENVIRONMENTAL AGENCIES IN BRAZIL HAVE EMPHASIZED THE POSSIBLE ENVIRONMENTAL DAMAGE FROM PESTICIDE MISUSE, ESPECIALLY SINCE FUTURE PESTICIDE USE IS EXPECTED TO INCREASE. STRICTER GOVERNMENT CONTROL OF PESTICIDES IS NECESSARY AS WELL AS EDUCATION OF PESTICIDE USERS. ADMITTING A LACK OF SPECIALIZED PERSONNEL TO ENFORCE EXISTING PESTICIDE LAWS, THE MINISTRY OF AGRICULTURE PRESENTLY ATTEMPTS TO CONTROL PESTICIDE USE THROUGH ENFORCEMENT CONTRACTS WITH THE STATE GOVERNMENTS, BUT THIS IS NOT TOTALLY SUCCESSFUL. THE NECESSARY TECHNICAL EXPERTISE IN PESTICIDE CONTROL IS ALSO LACKING. THE PRINCIPAL PRESSURE FOR ENSURING PROPER PESTICIDE USE IS KNOWLEDGE THAT AGRICULTURAL PRODUCTS WITH HIGH CONCENTRATIONS OF PESTICIDE RESIDUES WILL NOT BE ACCEPTABLE FOR SALE ON THE FOREIGN MARKET. AT PRESENT, THIS FOREIGN COMMERCIAL PRESSURE ON THE BRAZILIAN AGRICULTURAL INDUSTRY IS THE ENVIRONMENTALISTS' PRINCIPAL HOPE OF ENFORCING PROPER PESTICIDE USE.

PESTICIDES

BRAZIL

"GOVERNMENT WILL CONTROL PESTICIDES." O ESTADO DE SAO PAULO
EPA

PM(B) PORTUGUESE 05/01/75 PGS 28 ID# 02808A
ALSO LRB

THIS NEWSPAPER ARTICLE REPORTS THAT THE BRAZILIAN MINISTRY OF AGRICULTURE INTENDS TO ESTABLISH IN THE PRINCIPAL CAPITAL CITIES OF BRAZIL NINE LABORATORIES EQUIPPED TO ANALYZE THE QUALITY OF PESTICIDES IN USE AND THE PESTICIDE RESIDUE CONTENTS IN AGRICULTURAL PRODUCTS. THE GOVERNMENT WILL USE DATA COLLECTED FROM THESE LABORATORIES AS A BASIS FOR ENFORCEMENT AND PLANNING ACTIVITIES. THE MINISTRY WILL ALSO KEEP A REGISTER OF INDUSTRIES INVOLVED IN PRODUCING AND DISTRIBUTING PESTICIDES. THESE ACTIVITIES ARE INTENDED TO VITALIZE EXISTING LAWS ON THE CONTROL OF PESTICIDES. THE ARTICLE ALSO CONSIDERS SOME OF THE DETRIMENTAL EFFECTS WHICH CAN OCCUR IN NATURE AND ULTIMATELY IN MAN AS A RESULT OF PESTICIDE RESIDUE.

BRAZIL

"PROGRAM WILL CONTROL APPLICATION OF PESTICIDES." O ESTADO DE SAO PAULO
EPA

PM(B) PORTUGUESE 05/17/75 PGS 14 ID# 02817A
ALSO LRB AND SE

THIS NEWSPAPER ARTICLE DISCUSSES THE DETRIMENTAL EFFECTS ON HUMAN HEALTH AND ON THE ENVIRONMENT CAUSED BY THE USE OF PESTICIDES IN BRAZIL. THE BRAZILIAN MINISTRY OF AGRICULTURE, IN COOPERATION WITH THE NATIONAL ASSOCIATION FOR AGRICULTURAL DEFENSIVE PRODUCTS, IS PRESENTLY DEVELOPING A PROGRAM TO EVOLVE CRITERIA FOR CONTROLLING AND TESTING PESTICIDES AND TO REDUCE THE INCREASING DAMAGE TO HEALTH AND TO THE ENVIRONMENT CAUSED BY THEIR USE. SIMILAR NEWS ARTICLES IN A LATER ISSUE OF THIS NEWSPAPER (06/01/75, P.26) EMPHASIZE THE DANGERS OF THE CURRENT SITUATION IN BRAZIL AND DISCUSS PROPOSALS SET FORTH IN A PROGRAM TO ADEQUATELY CONTROL USE OF PESTICIDES. THE POSSIBLE TOTAL BAN OF DDT AND OTHER DANGEROUS PESTICIDES IS CITED. THE ARTICLES ALSO DISCUSS THE STRICT CONTROL OF PESTICIDES IN THE HIGHLY DEVELOPED COUNTRIES WHERE HIGH PRODUCE QUALITY STANDARDS HAVE PREVENTED THE IMPORT OF BRAZILIAN AGRICULTURAL PRODUCTS WHICH HAVE BEEN EXCESSIVELY TREATED WITH PESTICIDES.

SOLID WASTE

FRANCE

"THE FIGHT AGAINST WASTES." LE MONDE
EPA

LR(B) FRENCH 05/09/75 PGS 6 ID# 02793A
ALSO SE

THIS ARTICLE REPORTS ON ADOPTION BY THE FRENCH SENATE OF A BILL DEALING WITH THE ELIMINATION OF WASTES AND THE RECOVERY OF RAW MATERIALS. THE BILL, WHICH IS BASED ON THE "POLLUTER PAYS" PRINCIPLE, PROVIDES FOR THE TAXATION OF WASTE PRODUCERS, THUS ENSURING THEIR PARTICIPATION IN THE FINANCING OF WASTE DISPOSAL. ANOTHER PROVISION OF THE BILL MAKES MUNICIPALITIES RESPONSIBLE FOR THE COLLECTION AND APPROPRIATE ELIMINATION OF HOUSEHOLD WASTES. THE BILL FURTHER PROVIDES FOR THE CREATION OF A NATIONAL AGENCY FOR THE ELIMINATION OF WASTES, WHICH WOULD FUNCTION PRIMARILY AS AN INSTRUMENT OF ECONOMIC AND TECHNICAL STIMULATION.

GERMANY,FED REP OF

"COLLECTION OF TEXTS OF LAWS IN FORCE. PROTECTION MEASURES OF THE FEDERAL MINISTRY OF THE INTERIOR." UMWELTGESETZE I
GERMANY,FED REP OF. FEDERAL MINISTRY OF THE INTERIOR

LR(A)

GERMAN 06/00/74 PGS 1-84 EPA ID# 02805A
ALSO LRB
*GENERAL AIR WATER NOISE

SWEDEN

"JUNE 2, 1972 ORDINANCE NO. 280 ON STATE SUPPORT FOR WASTE TREATMENT."
SVENSK FORFATTNINGSSAMLING

LR(A)

SWEDISH 06/20/72 PGS 1-2 EPA ID# 02761A
ALSO SE

THIS ORDINANCE AUTHORIZES STATE SUPPORT FOR 1) INSTALLATIONS FOR TREATMENT OF WASTES, WITH THE EXCEPTION OF INSTALLATIONS SOLELY FOR RESIDENTIAL WASTES, IF THE INSTALLATION SERVES THE GENERAL PUBLIC WELFARE AND 2) COSTS OF STORAGE OF CHEMICAL OR OTHER ENVIRONMENTALLY DANGEROUS WASTES FOR AN INDEFINITE OR STIPULATED PERIOD OF TIME. TREATMENT IS DEFINED AS CONVERSION, DESTRUCTION OR FINAL DEPOSIT OF WASTES. SUPPORT FOR WASTE TREATMENT ESTABLISHMENTS IS TO TAKE THE FORM OF SUBSIDIES UP TO 50 PERCENT OF COSTS FOR THE INSTALLATION AND RELATED DEVICES. THE SIZE OF THE SUBSIDY IS TO BE BASED ON THE NATURE OF HANDLED WASTES AND THE VALUE OF RECOVERED SUBSTANCES. GRANTS WILL NOT BE MADE TO ESTABLISHMENTS THAT MAY BE CONSIDERED ECONOMICALLY PROFITABLE WITHOUT AID. AID FOR STORAGE OF CHEMICAL OR DANGEROUS WASTES IS TO ASSUME THE FORM OF STATE GUARANTEES FOR EXPERIENCED LOSSES. APPLICATIONS ARE TO BE SUBMITTED TO THE ENVIRONMENT PROTECTION BOARD AND DECISIONS ARE TO BE MADE BY THE GOVERNMENT.

SWEDEN

"INSTRUCTIONS FOR THE CONTROL OF ENVIRONMENTALLY DANGEROUS PROCESSES IN THE PETROLEUM INDUSTRY." STATENS NATURVARDSVERK PUBLIKATION 1974:14
SWEDEN. NATIONAL ENVIRONMENT PROTECTION BOARD

PH(B)

SWEDISH 04/00/74 PGS 1-51 EPA ID# 02795A
*WATER AIR NOISE

SOLID WASTE

SWEDEN

"INSTRUCTIONS FOR THE CONTROL OF ENVIRONMENTALLY HARMFUL PROCESSES IN ASPHALT PLANTS." STATENS NATURVARDSVERK PUBLIKATION 1974:5
SWEDEN. NATIONAL ENVIRONMENT PROTECTION BOARD
PR(B) SWEDISH 01/00/74 PGS 1-70 EPA ID# 02799A
*AIR WATER NOISE

WATER

ALBANIA

"MEASURES TO PROTECT ENVIRONMENT FROM INDUSTRIAL POLLUTION." TRANSLATIONS ON ENVIRONMENTAL QUALITY, NO. 77
U.S. JOINT PUBLICATIONS RESEARCH SERVICE
PR(B) ENGLISH 02/28/75 PGS 1-3 EPA ID# 02765A
ALSO LRB
AIR

THIS ARTICLE, TRANSLATED FROM THE ALBANIAN-LANGUAGE PUBLICATION "TIRANA SHENDETI," DESCRIBES ALBANIAN EFFORTS TO CONTROL POLLUTION RESULTING FROM INCREASING INDUSTRIALIZATION. THE CHIEF ENVIRONMENTAL LEGISLATION IS THE 1973 "LAW ON THE PROTECTION OF THE ENVIRONMENT FROM POLLUTION," AS A CONSEQUENCE OF WHICH COMMISSIONS FOR THE PROTECTION OF THE ENVIRONMENT HAVE BEEN SET UP IN MINISTRIES, EXECUTIVE COMMITTEES, INDUSTRIAL ENTERPRISES AND AGRICULTURAL COOPERATIVES. REGULATIONS AND SPECIAL INSTRUCTIONS HAVE ALSO BEEN PREPARED AND DISTRIBUTED TO INDUSTRIES. IN ADDITION, NEW PLANTS BUILT UNDER THE CURRENT FIVE-YEAR PLAN ARE TO BE EQUIPPED WITH SPECIAL WASTE-PURIFYING INSTALLATIONS. WATER PURIFICATION PROCESSES EMPLOYED IN SPECIFIC INDUSTRIES AND TECHNOLOGICAL SUPPORT PROVIDED BY THE GEOLOGICAL AND MINERAL RESEARCH INSTITUTE ARE ALSO DISCUSSED. IT IS STRESSED THROUGHOUT THAT ALBANIAN EFFORTS ARE DIRECTED TOWARD UTILIZING PURIFICATION MEASURES WHICH EXTRACT FROM BOTH WASTE GASES AND EFFLUENTS THOSE COMPONENTS WHICH ARE OF ECONOMIC VALUE.

BELGIUM

"MR. DE SAEGER TO HOLLAND: WATER SOON TO BE CLEAN IN TERNEUZEN." LE SOIR
PR(B) FRENCH 08/25/75 PGS 2 EPA ID# 02778A

A BELGIUM-DUTCH CONFERENCE ON THE PROBLEM OF POLLUTION IN THE GAND-TERNEUZEN CANAL HAS RESULTED IN THE ADOPTION OF NEW BELGIAN CONTROL MEASURES DESCRIBED IN THIS ARTICLE. THE NEW WATER PURIFICATION PROJECT, HERE SUMMARIZED BY THE MINISTER OF PUBLIC HEALTH, PROVIDES FOR THE CONSTRUCTION OF A LARGE NUMBER OF WASTEWATER TREATMENT PLANTS WITH AN ADDITIONAL AERATION INSTALLATION TO BE LOCATED IN CLOSE PROXIMITY TO THE DUTCH BORDER. THE MINISTER FURTHER STATED THAT BELGIAN FINANCIAL ASSISTANCE TO A SIMILAR FRENCH PURIFICATION PROJECT WAS UNDER CONSIDERATION. PRESENT ANNUAL GOVERNMENT SUBSIDIES OF TWO BILLION FRANCS ALLOCATED FOR THESE PROJECTS ARE EXPECTED TO BE INCREASED BY THE START OF 1976.

BRAZIL "POISONING BY MERCURY. LIMITS FOR THE POLLUTANT ESTABLISHED." O ESTADO DE SAO PAULO

LR (B) PORTUGUESE 04/19/75 PGS 17 EPA ID# 02803A
ALSO LRA

THIS NEWSPAPER ARTICLE REPRINTS THE REGULATION PROMULGATED BY THE BRAZILIAN SPECIAL SECRETARIAT OF THE ENVIRONMENT (SEMA) SETTING FORTH LIMITS FOR MERCURY POLLUTION, BASED ON STANDARDS CONTAINED IN THE 1973 WATER QUALITY STANDARDS OF THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY. ACCORDING TO THE REGULATION, TOTAL MERCURY CONCENTRATION IS NOT TO EXCEED 0.10 MICROGRAMS PER LITER IN MARINE WATERS OR 2.0 MICROGRAMS PER LITER IN PUBLIC WATER SUPPLIES. THE REGULATION ALSO MAKES CONTRAVENORS LIABLE TO PENAL ACTIONS AS PROVIDED BY LAW. THE REGULATION APPLIES TO THE ENTIRE COUNTRY BUT WAS SPARKED BY SUSPICIONS OF MERCURY CONTAMINATION IN ONE AREA OF THE COUNTRY AS A RESULT OF AGRICULTURAL AND INDUSTRIAL ACTIVITY.

BRAZIL "SUDENE SENDS STUDY TO WHO ON POLLUTION IN THE NORTHWEST." CORREIO BRASILIENSE

PM (A) PORTUGUESE 05/17/75 PGS 2/7 EPA ID# 02783A
ALSO PMB
AIR GENERAL

THIS NEWSPAPER ARTICLE REPORTS THAT THE BRAZILIAN SUPERINTENDENT FOR DEVELOPMENT OF THE NORTHEAST HAS SENT A STUDY ON POLLUTION IN THE NORTHEAST REGION OF BRAZIL TO WHO IN THE HOPE OF OBTAINING TECHNICAL AID TO DEAL WITH THE PROBLEM. THE REQUEST FOR INTERNATIONAL ASSISTANCE REPRESENTS ONE FACET OF THE PROGRAM TO BE DEVELOPED BY THE SUPERINTENDENT FOR DEVELOPMENT OF THE NORTHEAST AND THE SPECIAL SECRETARIAT OF THE ENVIRONMENT (BOTH AGENCIES OF THE MINISTRY OF INTERIOR) TO STUDY AND RESOLVE ENVIRONMENTAL PROBLEMS IN THE NORTHEAST, THE POOREST REGION OF THE COUNTRY. ONGOING PLANS TO COMBAT ENVIRONMENTAL DETERIORATION INCLUDE CONSTRUCTION OF SEWAGE NETWORKS, WATER SUPPLY SYSTEMS AND POLLUTION-FREE INDUSTRIES. STATE ENVIRONMENTAL AGENCIES ARE ALSO SLATED TO PLAY AN IMPORTANT ROLE IN THIS EFFORT AS WELL AS IN PROGRAMS INITIATED UNDER THE SECOND NATIONAL DEVELOPMENT PLAN.

BRAZIL "SEMA WILL SEE IF THE ENTIRE BAY IS POLLUTED." O GLOBO

PM (B) PORTUGUESE 05/12/75 PGS 5 EPA ID# 02785A

THIS NEWSPAPER ARTICLE CITES A JOINT EFFORT BETWEEN THE BRAZILIAN CENTRAL GOVERNMENT AND TWO STATE GOVERNMENTS TO EFFECT MEASUREMENTS OF MERCURY POLLUTION IN THE BAY OF SALVADOR (STATE OF BAHIA) AND TO FORMULATE SHORT RANGE, MEDIUM RANGE, AND LONG RANGE PLANS TO DEAL WITH THE MERCURY PROBLEM. INVOLVED IN THIS EFFORT ARE ONE TECHNICIAN EACH FROM THE SPECIAL SECRETARIAT OF THE ENVIRONMENT (SEMA) AND FROM THE BASIC SANITATION COMPANY OF THE STATE OF SAO PAULO (CETESB), WHO WILL WORK IN COOPERATION WITH THE RESEARCH AND DEVELOPMENT CENTER OF THE STATE OF BAHIA.

WATER

BRAZIL "BAHIA REDUCES CONTAMINATION." O ESTADO DE SAO PAULO
EPA
PM(B) PORTUGUESE 05/15/75 PGS 26 ID# 02803B
ALSO SE AND LRB

THIS NEWSPAPER ARTICLE HIGHLIGHTS THE ACTIVITIES OF NATIONAL AND STATE ORGANIZATIONS INVESTIGATING THE CONTAMINATION BY MERCURY OF TODOS OS SANTOS BAY IN SALVADOR, BRAZIL. THE SPECIAL SECRETARIAT OF THE ENVIRONMENT, A PARLIAMENTARY INQUIRY COMMISSION, AND ENVIRONMENTAL AGENCIES OF THE STATES OF BAHIA AND SAO PAULO ARE COOPERATING IN EFFORTS TO MEASURE LEVELS OF MERCURY CONTAMINATION, TO MINIMIZE ITS HARMFUL EFFECTS, TO CONTROL MERCURY-CONTAINING INDUSTRIAL DISCHARGES, AND TO FORMULATE PLANS FOR FUTURE ACTION. OTHER RECENT ISSUES OF THIS NEWSPAPER CONTAIN SIMILAR ARTICLES REPORTING ON ADDITIONAL ACTIVITIES OF THESE AGENCIES IN COMBATING MERCURY CONTAMINATION OF THE BAY. SUCH ACTIVITIES INCLUDE PLANNING FOR THE RELOCATION OF CERTAIN INDUSTRIES, AND FILLING IN PORTIONS OF THE BAY TO PREVENT DREDGING FOR POSSIBLY CONTAMINATED SHELLFISH. THE SOCIOECONOMIC EFFECT OF THE LATTER MOVE ON THE 300,000 PERSONS WHO DERIVE SUSTENANCE FROM THE SEA IN THIS REGION IS UNDER EXAMINATION.

BULGARIA "FOR A CLEAN AND BEAUTIFUL ENVIRONMENT." RABOTNICHESKO DELO
EPA
PM(B) BULGARIAN 05/28/75 PGS 2 ID# 02773A
*GENERAL AIR

CANADA "MOT'S PROPOSED RULES FOR SEWAGE ARE COMPROMISE." MONTREAL GAZETTE
ROSE, FREDERICK
EPA
LR(B) FRENCH 02/25/75 PGS 1 ID# 02782A

THIS ARTICLE DISCUSSES THE CANADIAN MINISTRY OF TRANSPORT'S PROPOSED REGULATIONS COVERING SEWAGE DISPOSAL BY SHIPS OPERATING IN CANADIAN WATERS. IF ENACTED, THESE NEW PROPOSALS WOULD PERMIT DISPOSAL OF TREATED SEWAGE IN CERTAIN WATERS OR CONTAINMENT OF ALL WASTES FOR LATER DISPOSAL ASHORE. CRITICS OF THE PRESENTLY UNREGULATED DISPOSAL POLICY HAVE LONG DEMANDED A COMPLETE BAN ON DUMPING, WHILE SHIPOWNERS VIEW THIS APPROACH AS IMPRACTICAL AND EXPENSIVE. THE NEW PROPOSALS OFFER A COMPROMISE POSITION, PERMITTING THE DISCHARGE OF TREATED SEWAGE BY SHIPS WHEN MORE THAN ONE MILE FROM SHORE OR MORE THAN ONE HALF MILE FROM FRESH WATER INTAKES. IN ADDITION, AS NOW PROPOSED, ALL VESSELS OPERATING IN CANADIAN WATERS OF THE GREAT LAKES AND ST. LAWRENCE SEAWAY WOULD HAVE ON BOARD A CONTAINMENT DEVICE OR SUITABLE APPROVED TREATMENT DEVICE WITHIN TWO YEARS FROM THE PROMULGATION DATE OF THE REGULATIONS FOR NEW SHIPS AND WITHIN FIVE YEARS FOR EXISTING VESSELS.

CANADA

PROPOSED REGULATIONS RESPECTING PREVENTION OF POLLUTION OF THE GREAT LAKES WATERS BY SEWAGE FROM SHIPS
CANADA. MINISTRY OF TRANSPORT
LR(A) ENGLISH 01/31/75 PGS 1-12 EPA ID# 02811A

THIS DOCUMENT CONTAINS REGULATIONS PROPOSED BY THE CANADIAN MINISTRY OF TRANSPORT WHICH, IF PASSED, WILL PROSCRIBE THE DISCHARGE OF UNTREATED SEWAGE BY SHIPS OTHER THAN PLEASURE CRAFTS AND ESTABLISH STANDARDS OF ACCEPTABILITY FOR TREATED EFFLUENTS. RESTRICTIONS ON THE DISCHARGE OF SUCH TREATED EFFLUENTS PROHIBIT THEIR DISCHARGE WITHIN A ONE MILE LIMIT FROM THE NEAREST LAND OR WITHIN A ONE-HALF MILE RADIUS OF A POTABLE FRESH WATER INTAKE. INCLUDED IN THE REGULATIONS ARE PROVISIONS COVERING THE APPROVAL PROCEDURES AND INSTALLATION OF SUITABLE SANITATION DEVICES AS WELL AS THEIR DESIGN, CONSTRUCTION AND OPERATION.

CANADA

"ENVIRONMENT CANADA EXTENDS THE POLLUTION CONTROL INCENTIVE PROGRAM."
ENVIRONMENT CANADA NEWS RELEASE
CANADA. ENVIRONMENT CANADA
SE( ) ENGLISH 04/01/75 PGS 1 EPA ID# 02796A
AIR

THIS NEWS RELEASE FROM ENVIRONMENT CANADA REPORTS A TWO-YEAR EXTENSION OF THE ACCELERATED CAPITAL COST ALLOWANCE PROGRAM, WHICH PROVIDES A TAX INCENTIVE TO ENCOURAGE THE INSTALLATION OF POLLUTION ABATEMENT FACILITIES IN INDUSTRIAL ESTABLISHMENTS. UNDER THE ACCA PROGRAM, A 100 PERCENT TAX WRITE-OFF IS PERMITTED FOR THE ACQUISITION OF AIR OR WATER POLLUTION CONTROL EQUIPMENT. THE TAX WRITE-OFF ALSO APPLIES TO FIRMS PROVIDING POLLUTION CONTROL SERVICES.

CZECHOSLOVAKIA

"PROTECTION OF CLEANLINESS OF WATER." RUDE PRAVO
PM(B) CZECH 05/17/75 PGS 1, 2 EPA ID# 02816A

THIS ARTICLE NOTES ENFORCEMENT PROCEDURES WITH REGARD TO WATER POLLUTION CONTROL IN CZECHOSLOVAKIA. STRICT CONTROL MEASURES, SUCH AS THE STATE WATER ECONOMY INSPECTION, ARE DETECTING MORE AND MORE CASES OF SEVERE WATER POLLUTION IN THE COUNTRY. PENALTIES IMPOSED ON POLLUTERS RANGE FROM ORDERS TO IMPROVE WATER PURIFICATION EQUIPMENT TO FINES REACHING SEVERAL MILLION KORUNA.

DENMARK

"HYDROLOGICAL MAPPING AND ITS POSSIBLE USES." NYT FRA MILJOSTYRELSEN, NO. 14-1974
ANDERSEN, SVEND AND MORTEN OLESEN
PM(B) DANISH 12/03/74 PGS 1-24 EPA ID# 02813A

THIS PUBLICATION DEALS WITH THE APPLICATION OF THE HYDROLOGICAL MAPPING BEING PERFORMED IN DENMARK IN PURSUIT OF THE 1973 WATER SUPPLY LAW AND OTHER ENVIRONMENTAL LEGISLATION. INITIAL SECTIONS DISCUSS GENERAL ASPECTS OF HYDROLOGICAL MAPPING AND ITS MEANING FOR WATER SUPPLY PLANNING. THIS IS FOLLOWED BY A CONSIDERATION OF THE POSSIBILITIES FOR EMPLOYING HYDROLOGICAL MAPS IN THE IMPLEMENTATION OF VARIED ENVIRONMENTAL LEGISLATION, INCLUDING THE 1973 ENVIRONMENTAL PROTECTION LAW, THE LAW ON DISPOSAL OF OILY AND CHEMICAL WASTES, THE LAW ON NATIONAL AND REGIONAL PLANNING, AND VARIOUS REGULATIONS DEALING WITH WASTEWATER DISPOSAL. THE FINAL SECTION CONTAINS A BIBLIOGRAPHY OF PUBLICATIONS DEALING WITH HYDROLOGICAL MAPPING.

GERMANY,FED REP OF

"COLLECTION OF TEXTS OF LAWS IN FORCE. PROTECTION MEASURES OF THE FEDERAL MINISTRY OF THE INTERIOR." UMWELTGESETZE I
GERMANY,FED REP OF. FEDERAL MINISTRY OF THE INTERIOR
LR(A) GERMAN 06/00/74 PGS 1-84 EPA ID# 02805A
ALSO LRB
*GENERAL AIR NOISE SOLID WASTE

GERMANY,FED REP OF

"FISH ARE TO BE REGULARLY MONITORED FOR MERCURY." FRANKFURTER ALLGEMEINE ZEITUNG
LR(B) GERMAN 02/25/75 PGS 7 EPA ID# 02806A
ALSO PRB

THIS ARTICLE REPORTS TWO WEST GERMAN EFFORTS TO PROTECT THE PUBLIC FROM LARGE QUANTITIES OF MERCURY IN FISH. A PROPOSED "ORDINANCE REGARDING THE MAXIMUM QUANTITIES OF MERCURY IN FISH, CRUSTACEANS, SHELL FISH AND MOLLUSKS" HAS BEEN RETURNED BY THE FEDERAL COUNCIL TO THE HEALTH MINISTRY FOR SIGNATURE. THERE IS SOME DISAGREEMENT, HOWEVER, SINCE THE FEDERAL COUNCIL VERSION OF THE ORDINANCE SETS AN OVERALL MAXIMUM MERCURY CONTENT PER KILOGRAM FRESH FISH FLESH OF 1.0 MG. THE HEALTH MINISTRY DRAFT HAD CALLED FOR 1.0 MG/KG IN "PROBLEM FISH," SUCH AS TUNA, SALMON, SPRATS, EEL, STURGEON, AND PIKE, AND 0.7 MG/KG IN OTHER FISH (MUSSELS, CRABS, SHRIMP). THE ARTICLE STATES THAT SUCH NATIONS AS SWEDEN AND FINLAND OBSERVE THE 1.0 MG/KG MERCURY LIMIT. A SECOND REASON TO CONTROL FISH MERCURY-CONTENT IS A STANDARD PROCEDURE FOR REGULARLY MONITORING MERCURY IN FISH CATCHES DEVELOPED BY THE INSTITUTE FOR BIOCHEMISTRY AND TECHNOLOGY OF THE FEDERAL FISHERIES RESEARCH INSTITUTE IN HAMBURG.

GERMANY,FED REP OF

PM(B)

WASCHMITTEL - GEWAESSERSCHUTZ (WASHING AGENTS - WATER PROTECTION)
GERMAN,FED REP OF. FEDERAL MINISTRY OF THE INTERIOR EPA
GERMAN 00/00/73 PGS 1-181 ID# 02802A

THIS BOOKLET REPRESENTS A RECORD OF HEARINGS HELD BY THE FEDERAL MINISTRY OF THE INTERIOR ON FEBRUARY 26 AND 27, 1973, DURING PREPARATION OF A NEW DETERGENT LAW CONFORMING TO EUROPEAN COMMISSION GUIDELINES. IT TAKES THE FORM OF REPORTS GIVEN BY EXPERTS IN PERTINENT FIELDS, FOLLOWED BY DISCUSSION. SUBJECT GROUPS CONSIDERED ARE: WATER EUTROPHICATION (CHARACTERISTICS AND CAUSES, AFFECTED BODIES OF WATER, RESULTS); WASHING AND CLEANING AGENTS (COMPOSITION, HARMFUL EFFECTS OF COMPONENTS, DEMANDS OF WATER MANAGEMENT PERSONNEL ON WASHING/CLEANING AGENTS); AND POSSIBLE MEASURES TO COMBAT EUTROPHICATION (CLARIFICATION POSSIBILITIES, MEASURES BY THE PRODUCERS OF WASHING AND CLEANING AGENTS, MEASURES BY WATER PROVISION PERSONNEL). THE MEASURES SUGGESTED TO COMBAT EUTROPHICATION ARE COMPARED FROM ECOLOGICAL, TECHNOLOGICAL AND ECONOMIC POINTS OF VIEW.

GERMANY,FED REP OF

PM(B)

UMWELTSCHUTZ IN BADEN-WUERTTEMBERG: WASSER (ENVIRONMENTAL PROTECTION IN BADEN-WUERTTEMBERG: WATER)
BADEN-WUERTTEMBERG. MINISTRY OF FOOD...ENVIRONMENT EPA
GERMAN 00/00/73 PGS 1-17 ID# 02827A
ALSO SE

THIS BROCHURE, DEALING WITH WATER POLLUTION, IS ONE OF A SERIES PUBLISHED BY THE MINISTRY OF FOOD, AGRICULTURE AND ENVIRONMENT IN THE STATE OF BADEN-WUERTTEMBERG TO INFORM THE PUBLIC OF THE NATURE, CAUSES AND HAZARDS OF POLLUTION. MAJOR GOALS OF WATER MANAGEMENT IN BADEN-WUERTTEMBERG ARE PROVISION OF PURE DRINKING WATER AND SEWAGE PURIFICATION. THE INTENTION IS TO ACHIEVE WATER QUALITY CLASS II (MODERATELY POLLUTED) INSOFAR AS POSSIBLE. THE BROCHURE DESCRIBES WATER SOURCES (GROUND WATER, SPRING WATER, SURFACE WATER), DRINKING WATER PREPARATION, AND POLLUTION SOURCES (SEWAGE, PHOSPHATES, BIOCIDES, THERMAL WATER, PETROLEUM, SOLID WASTE AND RADIOACTIVITY). THE DEGREE OF POLLUTION IN MAJOR RIVERS IN THE STATE IS CHARACTERIZED WITH AID OF A DIAGRAM. TYPES AND FUNCTIONING OF SEWAGE PURIFICATION PLANTS ARE DESCRIBED, ALONG WITH AN INDICATION OF THE COST OF SUCH PLANTS. SECTIONS ALSO TREAT THE SYSTEM OF WATER QUALITY SUPERVISION IN THE STATE AND THE DANGERS OF POLLUTION FROM INDUSTRY. FLOOD PROGRAMS ARE MENTIONED.

INTERNATIONAL

PM(B)

"BALTIC - TRANQUIL SEA." TRYBUNA LUDU
NIKULANKA, KRYSTYNA
POLISH 05/27/75 PGS 7 EPA
ID# 02784A

THIS ARTICLE, DEALING WITH INTERNATIONAL COOPERATION IN MATTERS CONCERNING THE BALTIC SEA, HIGHLIGHTS INTERNATIONAL ENVIRONMENTAL PROTECTION MEASURES TAKEN WITH REGARD TO THE BALTIC WATERS. AT A CONFERENCE ON THE PROTECTION OF THE BALTIC SEA IN SEPTEMBER 1973 IN GDANSK, POLAND, AN INTERNATIONAL CONVENTION WAS DRAWN UP WHICH ESTABLISHED A FOUNDATION FOR REGULATIONS FOR CHECKING THE BIOLOGICAL DEGRADATION OF THE SEA AND FOR THE PRESERVATION OF FISH RESOURCES. THIS WAS FOLLOWED BY AN INTERNATIONAL CONVENTION ON THE PROTECTION OF BALTIC WATERS AGAINST POLLUTION SIGNED IN HELSINKI IN MARCH 1974.

WATER

INTERNATIONAL

OKHRANA VODNYKH RESURSOV - PROBLEMA SOVREMENNOSTI (THE PROTECTION OF WATER RESOURCES - A CONTEMPORARY PROBLEM)
KUTYRIN, I.M. AND YU P. BELICHENKO
EPA
PM(A) RUSSIAN 00/00/74 PGS 1-101 ID# 02798A
ALSO LRB AND PMB

THIS BOOKLET, DEALING WITH VARIOUS ASPECTS OF WORLDWIDE WATER USAGE AND POLLUTION CONTROL, CONTAINS A CHAPTER ON GOVERNMENTAL MEASURES WHICH OUTLINES WATER PROTECTION LEGISLATION AND NOTES NATIONAL ORGANS RESPONSIBLE FOR MANAGEMENT OF WATER PROBLEMS IN EIGHT COUNTRIES. THE COUNTRIES DISCUSSED ARE POLAND, THE GERMAN DEMOCRATIC REPUBLIC, CZECHOSLOVAKIA, GREAT BRITAIN, THE FEDERAL REPUBLIC OF GERMANY, FRANCE, THE UNITED STATES, AND THE USSR. THE USSR IS DEALT WITH IN DETAIL, PROVIDING INFORMATION ON GOVERNMENT ORGANS OF WATER MANAGEMENT, WATER LEGISLATION, WATER POLLUTION MONITORING, WATER QUALITY STANDARDS, AND PENALTIES IMPOSED ON POLLUTERS. THE ROLES OF VARIOUS INTERNATIONAL ORGANIZATIONS IN CONTROLLING WATER POLLUTION ARE DISCUSSED IN A SUBSEQUENT CHAPTER.

JAPAN

"COMPENSATION HINGES ON RED TIDE PROBE." JAPAN TIMES
EPA
LR(B) ENGLISH 06/07/75 PGS 2 ID# 02781A

THIS NEWSPAPER ARTICLE REPORTS ON THE POSSIBLE OBLIGATION OF THE JAPANESE MITSUBISHI OIL COMPANY TO COMPENSATE JAPANESE FISHERMEN IF EVIDENCE PROVES THAT AN OIL LEAKAGE FROM ONE OF THE COMPANY'S REFINERIES IN KURASHI WAS RESPONSIBLE FOR THE RED TIDE WHICH OCCURED LATE IN 1974 IN THE INLAND SEA. THE DIRECTOR OF THE RESEARCH DEPARTMENT OF THE JAPANESE FISHERY AGENCY REPORTED ON A PROBE INTO THE MATTER BEFORE THE LOWER HOUSE SPECIAL COMMITTEE ON POLLUTION AND THE ENVIRONMENT. CONCERNING THE REOPENING OF THE REFINERY IN QUESTION, THE DIRECTOR STATED THAT THE BAN COULD BE LEGALLY LIFTED BY THE KURASHIKE MUNICIPAL GOVERNMENT, BUT DUE TO THE SERIOUS DAMAGES CAUSED BY THE LEAKAGE, THE CENTRAL GOVERNMENT WOULD PRESSURE THE MUNICIPAL GOVERNMENT TO ENSURE THE SAFETY OF THE REFINERY BEFORE AUTHORIZING ITS REOPENING.

MEXICO

"AGREEMENT FOR THE PREVENTION OF MARINE POLLUTION." SALUD PUBLICA DE MEXICO, VOL. 16, NO. 4
EPA
LR(A) SPANISH 08/00/74 PGS 667 ID# 02819A

THIS ARTICLE REPRINTS THE DECREE BY WHICH THE MEXICAN GOVERNMENT RECOGNIZES ITS ADHERENCE TO THE "INTERNATIONAL AGREEMENT ON THE PREVENTION OF MARINE POLLUTION BY WASTE DISCHARGES AND OTHER SUBSTANCES OF 1972." THE DECREE WAS SIGNED BY PRESIDENT LUIS ECHEVERRIA ON DECEMBER 13, 1973 AND WAS FIRST PUBLISHED IN THE MEXICAN OFFICIAL GAZETTE (DIARIO OFICIAL) ON MAY 27, 1974.

MEXICO

"WASTEWATER WILL BE UTILIZED IN INDUSTRIES IN THE STATE OF MEXICO."
EL NACIONAL

PM(B)

SPANISH 04/18/75 PGS 9 EPA
ALSO SE ID# 02789A

THIS SHORT NEWSPAPER ARTICLE REPORTS THAT BECAUSE POLLUTION HAS LED TO A SCARCITY OF POTABLE WATER IN THE GREATER MEXICO CITY AREA, THE INDUSTRIALISTS OF THIS REGION HAVE INFORMED THE SECRETARY OF WATER RESOURCES OF THEIR AGREEMENT TO USE AND REUSE WASTEWATERS FOR THEIR INDUSTRIAL PROCESSES, THEREBY LIBERATING MORE WATER FOR HUMAN CONSUMPTION AND USE.

NEW ZEALAND

"THE NATIONAL WATER AND SOIL CONSERVATION AUTHORITY WILL REQUIRE IMPACT STATEMENTS." SOIL AND WATER

LR(B)

ENGLISH 03/00/74 PGS 17-18 EPA
ALSO PMB ID# 02787A
*GENERAL

NEW ZEALAND

"COLIFORMS AND WATER QUALITY LEGISLATION." SOIL AND WATER
CARRIE, M.S.

LR(B)

ENGLISH 12/00/73 PGS 20-23 EPA
ALSO SE ID# 02797A

THIS ARTICLE EXPLAINS THE BASIS FOR THE EXISTING COLIFORM STANDARDS IN NEW ZEALAND'S WATER QUALITY LEGISLATION AND COMMENTS ON THE CONTROVERSY ARISING OVER THE VAGUENESS OR EXCESSIVE TOLERANCE OF THESE STANDARDS. CITING UNSUCCESSFUL BRITISH AND AMERICAN EXPERIENCES IN SETTING FORTH COLIFORM STANDARDS, THE AUTHOR EMPHASIZES THAT THE LACK OF APPROPRIATE DEFINITIONS AND METHODS OF ENUMERATING COLIFORMS MAKES MEANINGFUL STANDARDS IMPOSSIBLE TO SPECIFY. WITHOUT THE PROPER METHODS AND DEFINITIONS, THE STRENGTHENING OF COLIFORM STANDARDS IN WATER QUALITY REGULATIONS, AS ADVOCATED BY MANY, WOULD IMPOSE UNNECESSARY HARDSHIPS ON THOSE WHO WOULD HAVE TO CONFORM TO SUCH STANDARDS AND WOULD IN FACT BE UNENFORCEABLE. FOR THIS REASON THE AUTHOR FAVORS THE EXISTING REGULATIONS ON COLIFORM STANDARDS, WHICH ARE OPEN TO A WIDER RANGE OF INTERPRETATION AND SUBJECT TO A MORE SELECTIVE TYPE OF ENFORCEMENT.

WATER

NEW ZEALAND
"WASTE DISPOSAL - ITS LEGALITY AND PRACTICALITY." SOIL AND WATER
SHAW, R. S.
EPA
SE( ) ENGLISH 03/00/74 PGS 10-13 ID# 00617C
ALSO LRB

THIS ARTICLE DEALS WITH THE IMPLEMENTATION OF THE 1967 SOIL AND WATER CONSERVATION ACT. THE AUTHOR STRESSES THAT THE MAIN INTENTION OF THE ACT IS TO PROMOTE THE BENEFICIAL USE OF NATURAL WATER AND TO PREVENT AND ABATE ABUSES LEADING TO WATER POLLUTION. HE POINTS OUT, HOWEVER, THAT WATER BOARDS, IN ISSUING PERMITS FOR EFFLUENT DISCHARGES UNDER THE ACT, HAVE OVERSTEPPED THEIR AUTHORITY BY SETTING CONDITIONS WHICH OFTEN GIVE THE ECONOMIC ABILITY OF DISCHARGERS TO PURIFY WASTES PRECEDENCE OVER THE NEED TO PROTECT WATER QUALITY. HE ARGUES THAT, SINCE WASTE PRODUCERS ARE LEGALLY THE OWNERS OF THEIR WASTES, THEY ARE ALSO RESPONSIBLE FOR THEIR DISPOSAL; THEREFORE, DESPITE PRESENT PRACTICE, IT IS NOT THE FUNCTION OF WATER BOARDS TO ASSIST WASTE PRODUCERS IN DEVELOPING WASTE DISPOSAL SCHEMES OR TO GIVE THEM EXEMPTIONS BECAUSE OF THE EXPENSE OF PROPER WASTE DISPOSAL. EMPHASIZING THE OVERALL BENEFITS OF PURE WATER MAINTENANCE, THE AUTHOR URGES GOVERNMENT AND CITIZENS TO "THINK CLEAN FROM THE BEGINNING" IN HANDLING WASTE DISPOSAL PROBLEMS.

POLAND
"A GOVERNMENT PROGRAM FOR ENVIRONMENTAL PROTECTION." SCINTEIA
CIOBANU, GH
EPA
PM(B) ROMANIAN 06/08/75 PGS 5 ID# 02826A
ALSO SE, LRB AND PMA
*GENERAL AIR

ROMANIA
"WATER AND SOME NECESSARY CLARIFICATIONS IN THE ATTITUDE OF AN ENTERPRISE WITH REGARD TO LEGAL OBLIGATIONS." SCINTEIA
PLAIESU, AL
EPA
PM(B) ROMANIAN 06/06/75 PGS 4 ID# 02807A
ALSO SE

THIS ARTICLE, CONCERNING WATER POLLUTION CONTROL IN ROMANIA, DESCRIBES INDIVIDUAL WATER PURIFICATION FACILITIES IN OPERATION AT SEVERAL INDUSTRIAL ENTERPRISES IN THE COUNTRY. IT IS NOTED THAT THE NATIONAL GOVERNMENT SPENDS HUNDREDS OF MILLIONS OF LEI ANNUALLY FOR WATER POLLUTION CONTROL MEASURES. A BRIEF SECTION ON ENFORCEMENT OF WATER POLLUTION CONTROL REGULATIONS STATES THAT TRIBUNALS INTERVENE IN CASES OF DANGEROUS VIOLATIONS, IMPOSING FINES ON VIOLATORS.

SOUTH AFRICA "WATER POLLUTION LEGISLATION: SUMMARY OF RELATED LAWS. " ENVIRONMENT RSA, VOL. 2, NO. 2
SOUTH AFRICA. DEPT. OF PLANNING AND THE ENVIRONMENT EPA
LR(B) ENGLISH 02/00/75 PGS 4-5 ID# 02815A

THIS CHART PRESENTS BRIEF SUMMARIES OF THE FOLLOWING SOUTH AFRICAN LAWS DEALING WITH WATER POLLUTION CONTROL: THE HAZARDOUS SUBSTANCES ACT OF 1973; THE MERCHANT SHIPPING ACT OF 1951; THE FOODSTUFFS, COSMETICS AND DISINFECTANTS ACT OF 1972; AND THE MINES AND WORKS ACT OF 1956. FOR EACH PIECE OF LEGISLATION THE FOLLOWING INFORMATION IS GIVEN: AREAS OF RESPONSIBILITY COVERED, THE GOVERNMENT DEPARTMENT RESPONSIBLE FOR IMPLEMENTATION, AND PENALTIES. ALSO LISTED IS THE NON-LEGALLY ENFORCEABLE "GUIDE TO THE USE OF PESTICIDES AND FUNGICIDES IN SOUTH AFRICA" (1973).

SWEDEN "JUNE 2, 1972 ORDINANCE NO. 293 ON STATE SUBSIDY FOR ENVIRONMENT PROTECTION MEASURES IN AGRICULTURAL AND GARDENING ENTERPRISES." SVENSK FORFATTNINGSSAMLING EPA
LR(A) SWEDISH 06/20/72 PGS 1-2 ID# 02760A
ALSO SE
AIR NOISE

THIS ORDINANCE STIPULATES THAT STATE SUBSIDIES MAY BE GRANTED FOR MEASURES TO REDUCE AIR, WATER OR NOISE POLLUTION IN INSTALLATIONS USED FOR AGRICULTURAL OR GARDENING PURPOSES. THE GRANTS MAY BE USED FOR THOSE MEASURES FOUND ENVIRONMENTALLY NECESSARY BY THE NATIONAL FRANCHISE BOARD, THE STATE ENVIRONMENT PROTECTION BOARD, A COUNTY ADMINISTRATION, OR A MUNICIPAL PUBLIC HEALTH COMMITTEE. THE GRANT MAY EQUAL UP TO 25 PERCENT OF COSTS FOR THE MEASURE, BUT NOT LESS THAN 1,000 SWEDISH KRONOR. SUBSIDIES ARE TO BE GIVEN INSTALLATIONS OR PARTS OF INSTALLATIONS WHICH BEGAN OPERATION PRIOR TO JULY 1, 1972 AND WHICH CAN BE EXPECTED TO CONTINUE OPERATION LONG ENOUGH TO RENDER COSTS JUSTIFIABLE. THE SUCCESSFUL APPLICANT IS TO AGREE TO COMPLETE WORK WITHIN A GIVEN TIME PERIOD, TO OBSERVE STIPULATIONS REGARDING IMPLEMENTATION OF THE WORK MADE BY THE GRANTING AUTHORITY, AND TO ADHERE TO OTHER CONDITIONS SET BY THE AUTHORITY. THE ORDINANCE IS TO REMAIN IN FORCE FROM JULY 1, 1972 TO JUNE 30, 1977. THE AGRICULTURAL BOARD MAY SET FURTHER STIPULATIONS.

SWEDEN "ADVICE AND INSTRUCTIONS REGARDING SUPERVISION ACCORDING TO THE ENVIRONMENT PROTECTION ACT." STATENS NATURVARDSVERK PUBLIKATION 1971:3
SWEDEN. NATIONAL ENVIRONMENT PROTECTION BOARD EPA
PH(A) SWEDISH 03/00/71 PGS 1-58 ID# 02776A
ALSO LRB
*GENERAL AIR

WATER

SWEDEN

SUPPLEMENT TO ADVICE AND INSTRUCTIONS REGARDING SUPERVISION ACCORDING TO THE ENVIRONMENT PROTECTION ACT
SWEDEN. NATIONAL ENVIRONMENT PROTECTION BOARD EPA
PM(A) SWEDISH 02/00/73 PGS 1-5 ID# 02776B
ALSO LRB
*GENERAL AIR

SWEDEN

"INSTRUCTIONS FOR THE CONTROL OF ENVIRONMENTALLY DANGEROUS PROCESSES IN THE PETROLEUM INDUSTRY." STATENS NATURVARDSVERK PUBLIKATION 1974:14
SWEDEN. NATIONAL ENVIRONMENT PROTECTION BOARD EPA
PM(B) SWEDISH 04/00/74 PGS 1-51 ID# 02795A
AIR NOISE SOLID WASTE

THE INITIAL SECTION OF THIS PUBLICATION PROVIDES A SUMMARY OF INTERNAL AND EXTERNAL CONTROL AND MONITORING OF POLLUTION PURSUANT TO THE ENVIRONMENT PROTECTION ACT. IN SUCCEEDING SEPARATE SECTIONS, THE PARTICULAR WATER AND AIR POLLUTION PROBLEMS OF THE PETROLEUM INDUSTRY ARE DESCRIBED. PROGRAMS FOR INTERNAL MONITORING AND SUPERVISION AND OPERATIONAL CONTROL ARE OUTLINED, AS WELL AS PREREQUISITES FOR INSPECTION BY THE AUTHORITIES. IN THE CASE OF WATER POLLUTION CONTROL, SPECIAL SECTIONS DISCUSS INTERNAL MONITORING AND OFFICIAL INSPECTION OF RECEIVING WATERS. FOR AIR POLLUTION PROBLEMS, INSTRUCTIONS FOR EXAMINATION OF AMBIENT AIR QUALITY ARE INCLUDED. OTHER SECTIONS DEAL BRIEFLY WITH PROBLEMS OF NOISE AND WASTE DISPOSAL APPLIED TO THE PETROLEUM INDUSTRY. THREE APPENDIXES CONTAIN: TECHNIQUES FOR WATER SAMPLING, PARAMETERS FOR DETERMINATION OF NOISE NUISANCE, AND A LISTING OF OTHER PUBLICATIONS OF THE NATIONAL ENVIRONMENT PROTECTION BOARD.

SWEDEN

"INSTRUCTIONS FOR THE CONTROL OF ENVIRONMENTALLY HARMFUL PROCESSES IN ASPHALT PLANTS." STATENS NATURVARDSVERK PUBLIKATION 1974:5
SWEDEN. NATIONAL ENVIRONMENT PROTECTION BOARD EPA
PM(B) SWEDISH 01/00/74 PGS 1-70 ID# 02799A
*AIR NOISE SOLID WASTE

SWEDEN

"SEWAGE PURIFICATION - SEWAGE SITUATION IN DENSELY POPULATED AREAS AS OF JANUARY 1, 1974." STATENS NATURVARDSVERK PUBLIKATION 1974:6
SWEDEN. NATIONAL ENVIRONMENT PROTECTION BOARD EPA
PM(B) SWEDISH 00/00/74 PGS 1-15 ID# 02818A

THIS BOOKLET PRESENTS IN TABULAR AND GRAPHIC FORM A QUANTITATIVE ANALYSIS OF THE STATE OF SEWAGE PURIFICATION IN BUILT-UP AREAS AS OF JANUARY 1, 1974. IT REPORTS, AMONG OTHER THINGS, THAT THE PROPORTION OF RESIDENTS OF DENSELY POPULATED AREAS SERVED BY PURIFICATION PLANTS WITH GREATER THAN SLUDGE SEPARATION INCREASED DURING 1973 FROM 81 TO 88 PERCENT. CURRENTLY 49 PERCENT OF THE POPULATION IN BUILT-UP AREAS ARE SERVED BY CHEMICAL OR BIOLOGICAL-CHEMICAL SEWAGE PURIFICATION, NEARLY DOUBLE THE PERCENTAGE (26 PERCENT) AS OF JANUARY 1, 1973. THE NUMBER OF AREAS NOT SERVED BY PURIFICATION PLANTS DECREASED FROM 76 TO 32 IN 1973. IN ALL LARGER AREAS PARTIALLY OR WHOLLY LACKING SATISFACTORY SEWAGE PURIFICATION, NEW PLANTS ARE NOW IN CONSTRUCTION OR PLANNED. THE INITIAL PAGES SUMMARIZE THE FINDINGS OF THE EIGHT SUCCEEDING TABLES. SIMILAR REPORTS ARE AVAILABLE FOR JANUARY 1, 1973 (PUBLICATION 1973:1) AND FOR 1972 (PUBLICATION 1972:7).

SWEDEN

"MUNICIPAL SLUDGE TREATMENT." STATENS NATURVARDSVERK PUBLIKATION 1974:10
SWEDEN. NATIONAL PROTECTION BOARD
PB(B) EPA
SWEDISH 00/00/74 PGS 1-36 ID# 02828A

THIS PUBLICATION ON SWEDISH MUNICIPAL SLUDGE TREATMENT STATES THAT WITH THE RAPID GROWTH IN THE NUMBER OF SEWAGE PURIFICATION PLANTS, THE PROBLEMS OF SLUDGE TREATMENT AND ULTIMATE DISPOSAL HAVE INCREASED IN IMPORTANCE. THE PRESENT STUDY REPRESENTS CONDITIONS AS OF MARCH 1, 1973. AFTER DESCRIBING THE STUDY'S FORM AND TERMINOLOGY, THE PUBLICATION DISCUSSES SLUDGE TREATMENT (STABILIZATION, REMOVAL OF WATER, AND HYGIENIZATION) AND THE DEPOSITING OF SLUDGE, AND PRESENTS SLUDGE TREATMENT DATA BY COUNTY. TABLES AND CHARTS ACCOMPANY EACH SECTION. THE STUDY FINDS IN SUMMARY THAT SLUDGE FROM ABOUT 80 PERCENT OF THE POPULATION OF BUILT-UP AREAS UNDERGOES SOME FORM OF STABILIZATION, WHILE ABOUT 30 PERCENT UNDERGOES HYGIENIZATION. SLUDGE FROM 80 PERCENT OF THE POPULATION IS TREATED BY WATER REMOVAL, ABOUT 60 PERCENT OF THAT IN MECHANICAL INSTALLATIONS. OF SLUDGE TIPPED OR USED IN AGRICULTURE, ABOUT 70 PERCENT IS PROCESSED BOTH BY STABILIZATION AND WATER REMOVAL.

SWITZERLAND

"SWISS WATERWAYS TO BE ANALYZED REGULARLY." JOURNAL DE GENEVE
PB(B) EPA
FRENCH 04/16/75 PGS 9 ID# 02809A

THIS ARTICLE REPORTS ON A NEW SWISS FEDERAL PROGRAM FOR THE CONTINUOUS ANALYTICAL EXAMINATION OF THE COUNTRY'S WATERWAYS. THE PROGRAM, WHICH IS BEING IMPLEMENTED BY THE OFFICE OF HYDRAULIC ECONOMY, THE OFFICE OF ENVIRONMENTAL PROTECTION AND THE FEDERAL INSTITUTE FOR THE MANAGEMENT, TREATMENT AND PURIFICATION OF WATERS, WILL INVOLVE SOME 15 OF THE 300 INSTALLATIONS CONSTITUTING THE FEDERATION'S HYDROMETRIC SYSTEM. THESE INSTALLATIONS, WHICH WERE CHOSEN FOR THEIR LOCATION WITHIN THE NATIONAL FLUVIAL NETWORK, WILL BE THE SITES FOR CONTINUOUS AUTOMATIC SAMPLING FOR SUBSEQUENT CHEMICAL ANALYSIS, FOR MEASURING WATER LEVEL AND FLOW, AND FOR RECORDING CERTAIN PHYSICAL AND CHEMICAL PARAMETERS. THE RESULTS OF THESE ANALYSES, WHICH ARE TO BE MADE AVAILABLE TO CANTONAL SERVICES AND ORGANIZATIONS DEALING WITH WATER PROTECTION, WILL GENERALLY SERVE THE NEEDS OF WATER PROTECTION WHILE PERMITTING A NATIONAL SURVEY OF WATERWAY CONDITIONS.

SYRIA

"WATER POLLUTION BILL." TRANSLATIONS ON ENVIRONMENTAL QUALITY, NO. 56
U.S. JOINT PUBLICATIONS RESEARCH SERVICE
LR(B) EPA
ENGLISH 10/02/74 PGS 18 ID# 02772A

ACCORDING TO THIS ARTICLE, A WATER POLLUTION BILL PREPARED BY THE SYRIAN MINISTRY OF PUBLIC WORKS AND WATER RESOURCES HAS BEEN SUBMITTED TO THE LEADERSHIP OF THE COUNCIL OF MINISTERS FOR FINAL STUDY PRIOR TO ENACTMENT. THE BILL, WHICH PROVIDES FOR THE CONTROL OF POLLUTION IN SYRIA'S RIVERS, LAKES, SEASHORES, CANALS, AGRICULTURAL LANDS, RESERVOIRS AND GROUNDWATER WILL ENSURE THE PROTECTION OF THE COUNTRY'S WATER RESOURCES. CONTROL MEASURES PROVIDED FOR IN THE BILL INCLUDE THE IMPOSITION OF FINANCIAL PENALTIES AGAINST OFFENDERS, AS WELL AS THEIR CRIMINAL PROSECUTION UNDER THE PENAL CODE. VIOLATIONS BY POLLUTING PLANTS CAN FURTHER RESULT IN THE TEMPORARY OR PERMANENT SHUTDOWN OF THE PLANTS. THE BILL ALSO REQUIRES INSTALLATIONS SCHEDULED FOR FUTURE CONSTRUCTION TO ACQUIRE FROM THE MINISTRY OF PUBLIC WORKS A PERMIT INDICATING THE NECESSARY MEASURES TO BE TAKEN FOR THE PREVENTION OF ENVIRONMENTAL POLLUTION. (THE ARABIC ORIGINAL OF THIS ARTICLE APPEARED IN THE DAMASCUS NEWSPAPER "AL-BA'TH" ON SEPTEMBER 9, 1974.)

SYRIA "BILL TO PREVENT WATER POLLUTION." TRANSLATIONS ON ENVIRONMENTAL QUALITY.
NO. 76
U.S. JOINT PUBLICATIONS RESEARCH SERVICE EPA
LR(B) ENGLISH 02/12/75 PGS 26-27 ID# 02772B

THIS ARTICLE DESCRIBES THE SYRIAN BILL TO CURB WATER POLLUTION WHICH THE MINISTRY OF PUBLIC WORKS AND WATER RESOURCES HAS SUBMITTED TO THE PRIME MINISTER. THE BILL, WHICH STIPULATES THE CONDITIONS AND STANDARDS TO BE FULFILLED IN REGARD TO LIQUID WASTES FLOWING FROM PUBLIC, COMMERCIAL AND INDUSTRIAL PLACES INTO SYRIAN WATERWAYS, PROHIBITS THE DISCARDING OF ANY WASTE MATERIAL FROM HOSPITALS, CHEMICAL RESEARCH PLANTS, TANNERIES, AND WOOL-CARDING FACTORIES PRIOR TO TREATMENT. THE PROPOSAL REQUIRES, MOREOVER, THAT ALL FACTORIES, COMPANIES, AND PUBLIC AND PRIVATE ESTABLISHMENTS CONSTRUCT TREATMENT FACILITIES FOR THEIR INDUSTRIAL WASTES WITHIN A YEAR AND A HALF OF THE LAW'S APPROVAL. PROVISIONS FOR THE SUPERVISION AND INSPECTION OF FACILITIES ARE CONTAINED IN THE BILL ALONG WITH FINANCIAL PENALTIES FOR ANY VIOLATION OF THE LAW. (THE ARABIC ORIGINAL OF THIS ARTICLE APPEARED IN THE DAMASCUS NEWSPAPER "AL-BA'TH" ON JANUARY 3, 1975.)

USSR "ENVIRONMENTAL POLLUTION AND PROBLEMS OF HYGIENE." PRIRODA, NO. 5
KROTKOV., F. G.
EPA
LR(B) RUSSIAN 00/00/75 PGS 63-69 ID# 02824A
ALSO PHB
*GENERAL

USSR "PERSPECTIVES OF PROTECTION OF THE ENVIRONMENT FROM POLLUTION BY HEAVY METALLURGY ENTERPRISES." PERSPECTIVES OF TRANSFORMATION OF THE MUNICIPAL ENVIRONMENT
ANDON'EV, S.M., V.S. GUR'EV AND M.L. KUTSYSHIN
EPA
PH(B) RUSSIAN 00/00/73 PGS 297-309 ID# 02758A
ALSO ST
*AIR

USSR "ON BEHALF OF ECOLOGICAL BALANCE." TEKHNICHESKO DELO
EPA
PH(B) BULGARIAN 05/24/75 PGS 3 ID# 02764A
ALSO SZ
*GENERAL AIR

USSR "PERSPECTIVES OF THE DEVELOPMENT OF CLEANING INDUSTRIAL WASTEWATER." PERSPECTIVES OF TRANSFORMATION OF THE MUNICIPAL ENVIRONMENT
YAKOVLEV, S. V.
PM(B) RUSSIAN 00/00/73 PGS 310-332 EPA ID# 02769A
ALSO LRB, ST AND SE

THIS ARTICLE DISCUSSES SEVERAL ASPECTS OF INDUSTRIAL WATER POLLUTION CONTROL IN THE USSR. SEVERAL EXAMPLES OF WATER POLLUTION CONTROL LEGISLATION ARE CITED, AND IT IS NOTED THAT ALL NEW INDUSTRIAL ENTERPRISES MUST BE EQUIPPED WITH WASTEWATER PURIFICATION FACILITIES. PLANNING ORGANIZATIONS MUST SUBMIT PLANS FOR WASTEWATER DISCHARGE SYSTEMS OF NEW ENTERPRISES TO THE MINISTRY OF HEALTH OR OTHER APPROPRIATE AUTHORITY FOR APPROVAL. SUCH PLANS MUST CONTAIN DATA ON THE QUALITY OF RECEIVING WATERS AFTER DISCHARGE OF WASTEWATER AND MUST INDICATE MEASURES THAT WILL BE TAKEN TO COMPLY WITH STANDARDS FOR CLEANLINESS OF RECEIVING WATERS. THE CRITERIA FOR THE SETTING OF STANDARDS FOR HARMFUL SUBSTANCES IN WATER BODIES ARE BRIEFLY NOTED. ALSO DISCUSSED ARE THE EFFECTIVENESS AND ECONOMIC ADVANTAGES OF DIFFERENT WATER PURIFICATION METHODS. IT IS PROJECTED THAT BY 1985-2000, PRODUCTION PROCESSES WILL UTILIZE LITTLE OR NO WATER OR WILL HAVE EFFECTIVE WATER RECYCLING SYSTEMS, THEREBY EFFECTING COMPLETE DEPOLLUTION OF WATER BODIES.

USSR "TEN BILLION RUBLES FOR ENVIRONMENTAL PROTECTION." OTECHESTVEN GLAS
SE( ) BULGARIAN 04/30/75 PGS 2 EPA ID# 02766A
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